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BANGALORE · INDIA

FRONT-END UI/UX DEVELOPMENT

FRONT-END UI/UX DEVELOPMENT MINI PROJECT

UI/UX DESIGN FUNDAMENTALS

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https://github.com/shaundx5/my-html-css-project

Holiday Planner Page

Github Link:

https://github.com/shaundx5/my-html-css-js-jquery-project/tree/main/Project/Assignment_1

Abstract

The Holiday Planner website is an interactive web application designed to assist users in planning their dream vacations. It enables users to choose destinations based on interests, customize activities, select accommodation and transport, manage an itinerary, and track their budget—all within a mobile-responsive and user-friendly interface.

Objectives

- ➔ To build an intuitive and responsive website that simplifies vacation planning.
- ➔ To allow users to select destinations, transportation, accommodations, and activities.
- ➔ To dynamically generate a personalized itinerary based on user input.
- ➔ To track estimated expenses for better budget management.

Scope of the project

The project is designed for users seeking an all-in-one platform to plan vacations without switching between different travel sites. It is suitable for personal trip planning, budget-conscious travelers, or families. The MVP (Minimum Viable Product) includes core features like search, itinerary creation, and budgeting. Future scope includes account creation, sharing itineraries, live bookings, and location-based recommendations.

In Scope:

- Development of a single-page, mobile-first responsive layout.
- Inclusion of hero section, menu categories, about us section, contact details, and footer.
- Use of CSS Grid and Flexbox for layout structuring.
- Incorporation of high-quality placeholder images to simulate real menu items and ambiance.
- Semantic HTML to enhance accessibility and SEO.

Out of Scope:

- No JavaScript functionality (no dynamic content or form submission).
- No backend/database integration.
- No online ordering or reservation system.

Target Audience:

- Potential customers looking to explore menu items and restaurant ambiance before visiting.
- Local diners searching for contact information and location details.

Tools & Technologies Used

Tool / Technology	Purpose
HTML5	Markup and content structure
CSS3	Styling, layout, responsiveness
Visual Studio Code	Code editor
Chrome DevTools	Testing and debugging
Bootstrap 4/5	Responsive design & layout utilities
JavaScript (ES6)	Interactivity and logic
jQuery	DOM manipulation and animations
Unsplash API	Placeholder destination images

HTML Structure Overview

`<header>`: Contains site branding and navigation menu

`<main>`:

- **Search form for destinations**
- **Activity and transport/accommodation selectors**
- **Itinerary section**
- **Budget summary table**

`<footer>`: Contact and legal information

CSS Styling Strategy

- Global styles include resets and base typography
- Color palette: A calm holiday-themed scheme with ocean blues and beachy tones
- CSS Grid and Flexbox used for layouts where Bootstrap isn't used
- Modular classes for easy styling of individual components
- Media queries ensure visual consistency on all screen sizes

Bootstrap Strategy

- Used Bootstrap Grid System for layout (12-column responsive system)
- Bootstrap form components for user inputs (dropdowns, modals, date pickers)
- Bootstrap Cards for displaying destinations and activity suggestions
- Responsive Navbar and collapsible mobile menu
- Pre-built components (alerts, buttons, modals) for rapid development

jQuery Strategy

- Used to dynamically update:
    - Destination search results
    - Activity filtering based on selected destination
    - Budget calculations in real-time
    - Itinerary preview generation
- Simplified DOM manipulation and event binding

JavaScript Strategy

- Manages:
    - Input validation (dates, empty fields)
    - Itinerary creation and rendering
    - Budget tracking with dynamic updates
    - Local storage (optional) to retain user data during the session
- Modular functions (e.g., addActivity(), calculateBudget())

Key Features

Feature	Description
Destination Search	● Dropdown filter for categories: Beach, Mountains, City ● Auto-populated results with images
Accommodation & Transport Selection	● Interactive form with hotel and flight options ● Predefined pricing for budget calculation
Activity Planner	● Activities shown per selected destination ● Checkbox selection to add to itinerary
Trip Itinerary Builder	● Date picker to set trip duration ● Dynamic generation of day-wise plan
Budget Tracker	● Auto-calculates total cost based on selected components ● Displays estimated total and breakdown
Responsive Design	Fully functional on desktop, tablet, and mobile devices

Challenges Faced & Solutions

Challenge	Solution
Dynamically updating the itinerary and budget when options change	Used JavaScript functions triggered by event listeners and jQuery to reflect changes in real-time
Handling responsive design for multiple form elements	Used Bootstrap's responsive grid system and customized breakpoints
Preventing overlapping dates or invalid input	Implemented input validation with HTML5 constraints and JavaScript
Managing user flow for multiple steps (search → plan → confirm)	Designed UI using tabs/sections and maintained state with JavaScript variables
Keeping UX intuitive despite multiple options	Grouped related form elements and added tooltips, placeholders, and input hints

Outcome

- Delivered a fully functional, responsive holiday planning website
- Provided a smooth UX for vacation planning, itinerary generation, and budget management
- Learned to effectively manage multi-step UI flows using jQuery and JavaScript
- Implemented a visually consistent layout using Bootstrap and custom CSS
- Created a scalable base that can be extended into a full-fledged travel booking platform

Future Enhancements

- Add user authentication to save and retrieve itineraries
- Integrate live travel APIs (Skyscanner, Booking.com, Google Places) for real-time pricing
- Add weather forecast per destination
- Implement drag-and-drop itinerary editing
- Enable social sharing of plans
- Add currency conversion support for international users
- Integrate calendar export (Google/Outlook)

Sample Code

Assignment 1:

- **index.html**

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width,
initial-scale=1">
  <title>Holiday Planner</title>
  <!-- Bootstrap CSS -->
  <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/css/bootstrap
.min.css" rel="stylesheet">
  <!-- Custom styles -->
  <link rel="stylesheet" href="styles.css">
</head>
<body>
  <!-- Navigation -->
  <nav class="navbar navbar-expand-lg navbar-dark bg-accent">
    <div class="container-fluid">
      <a class="navbar-brand" href="#">Holiday Planner</a>
      <button class="navbar-toggler" type="button"
data-bs-toggle="collapse" data-bs-target="#navbarSupportedContent"
aria-controls="navbarSupportedContent" aria-expanded="false"
aria-label="Toggle navigation">
        <span class="navbar-toggler-icon"></span>
      </button>
      <div class="collapse navbar-collapse"
id="navbarSupportedContent">
        <ul class="navbar-nav ms-auto mb-2 mb-lg-0">
          <li class="nav-item">
            <a class="nav-link" href="#search-section">Plan Trip</a>
          </li>
          <li class="nav-item">
```

```
            <a class="nav-link"
href="#itinerary-section">Itinerary</a>
          </li>
        </ul>
      </div>
    </div>
  </nav>

  <!-- Hero section -->
  <header class="hero-section text-center d-flex align-items-center">
    <div class="container">
      <h1 class="display-5 fw-bold mb-3">Plan your dream
vacation</h1>
      <p class="lead mb-4">Choose your perfect destination, craft
unforgettable activities and keep track of your budget with ease.</p>
      <a href="#search-section" class="btn btn-accent btn-lg">Start
Planning</a>
    </div>
  </header>

  <!-- Main container -->
  <main class="container py-5">
    <!-- Destination search section -->
    <section id="search-section" class="mb-5">
      <h2 class="section-title mb-3">1. Choose your interests</h2>
      <p class="mb-3">Select the type of vacation you are interested
in and explore suggested destinations.</p>
      <div class="row mb-4">
        <div class="col-md-4">
          <div class="form-check">
            <input class="form-check-input" type="radio"
name="interest" id="interestBeach" value="beach">
            <label class="form-check-label"
for="interestBeach">Beach</label>
          </div>
        </div>
        <div class="col-md-4">
          <div class="form-check">
            <input class="form-check-input" type="radio"
name="interest" id="interestMountains" value="mountains">
            <label class="form-check-label"
for="interestMountains">Mountains</label>
```

```
          </div>
        </div>
        <div class="col-md-4">
          <div class="form-check">
            <input class="form-check-input" type="radio"
name="interest" id="interestCity" value="city">
            <label class="form-check-label"
for="interestCity">City</label>
          </div>
        </div>
      </div>
      <button id="search-button" class="btn btn-accent">Search
Destinations</button>
      <div id="destination-list" class="row mt-4"></div>
    </section>

    <!-- Accommodation and transport section -->
    <section id="accommodation-section" class="mb-5"
style="display:none;">
      <h2 class="section-title mb-3">2. Pick accommodation &
transport</h2>
      <p class="mb-3"><span id="selected-destination-name"
class="fw-bold"></span> selected. Set up your stay and journey.</p>
      <div class="row mb-3">
        <div class="col-md-4 mb-3">
          <label for="nights-input" class="form-label">Number of
nights</label>
          <input type="number" class="form-control" id="nights-input"
min="1" value="1">
        </div>
        <div class="col-md-4 mb-3">
          <label for="accommodation-select"
class="form-label">Accommodation</label>
          <select class="form-select"
id="accommodation-select"></select>
        </div>
        <div class="col-md-4 mb-3">
          <label for="transport-select"
class="form-label">Transport</label>
          <select class="form-select" id="transport-select"></select>
        </div>
      </div>
```

```
      <button id="next-to-activities" class="btn btn-accent">Next:
Activities</button>
    </section>

    <!-- Activities section -->
    <section id="activities-section" class="mb-5"
style="display:none;">
      <h2 class="section-title mb-3">3. Select activities</h2>
      <p class="mb-3">Choose the activities you'd like to enjoy. For
each selected activity, pick a date and time.</p>
      <div id="activities-list" class="mb-4"></div>
      <div id="activity-schedule" class="mb-4"></div>
      <button id="add-to-itinerary" class="btn btn-accent">Add to
Itinerary</button>
    </section>

    <!-- Itinerary section -->
    <section id="itinerary-section" style="display:none;">
      <h2 class="section-title mb-3">4. Trip itinerary & budget</h2>
      <div id="itinerary-summary" class="mb-4"></div>
      <button id="reset-button" class="btn btn-secondary">Reset
Plan</button>
    </section>
  </main>

  <!-- Bootstrap JS and dependencies -->
  <script src="https://code.jquery.com/jquery-3.6.0.min.js"></script>
  <script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/js/bootstrap.b
undle.min.js"></script>
  <!-- Custom script -->
  <script src="script.js"></script>
</body>
</html>
```

[script.js](#)

```
/*
 * Holiday Planner client-side logic
 *
 * This script powers the interactive behaviours of the holiday
planner. It maintains
 * the user's selections (interest, destination, accommodation,
transport, activities)
 * and computes a simple itinerary and budget summary. The data is
hard-coded to
 * demonstrate the planner without relying on external APIs.
 */

$(function () {
  // Predefined data for destinations, accommodations, transport and
activities
  const data = {
    beach: [
      {
        id: 'goa',
        name: 'Goa',
        description: 'A coastal paradise in India known for golden
beaches, lively nightlife and seafood.',
        image: 'assets/goa.jpeg',
        hotels: [
          { name: 'Seaside Resort', price: 80 },
          { name: 'Beachfront Hotel', price: 120 },
          { name: 'Palm Retreat', price: 100 }
        ],
        transport: [
          { name: 'Flight', price: 200 },
          { name: 'Train', price: 60 },
          { name: 'Bus', price: 40 }
        ],
        activities: [
          { name: 'Sunbathing', price: 10 },
          { name: 'Surfing', price: 50 },
          { name: 'Boat Tour', price: 30 }
        ]
      },
      {
```

```
        id: 'maldives',
        name: 'Maldives',
        description: 'Tropical nation in the Indian Ocean composed of
more than 1,000 coral islands.',
        image: 'assets/maldives.jpeg',
        hotels: [
          { name: 'Island Villa', price: 200 },
          { name: 'Water Bungalow', price: 350 },
          { name: 'Lagoon Resort', price: 250 }
        ],
        transport: [
          { name: 'Flight', price: 400 },
          { name: 'Seaplane', price: 600 }
        ],
        activities: [
          { name: 'Snorkeling', price: 60 },
          { name: 'Diving', price: 80 },
          { name: 'Island Hopping', price: 70 }
        ]
      },
      {
        id: 'bali',
        name: 'Bali',
        description: 'Indonesian island known for its forested
volcanic mountains, iconic rice paddies and beaches.',
        image: 'assets/bali.jpeg',
        hotels: [
          { name: 'Jungle Retreat', price: 150 },
          { name: 'Sea Cliff Resort', price: 180 },
          { name: 'Ubud Villa', price: 140 }
        ],
        transport: [
          { name: 'Flight', price: 350 },
          { name: 'Ferry', price: 100 }
        ],
        activities: [
          { name: 'Temple Tour', price: 40 },
          { name: 'Rice Terrace Walk', price: 25 },
          { name: 'Surfing Lesson', price: 45 }
        ]
      }
    ],
```

```
    mountains: [
      {
        id: 'manali',
        name: 'Manali',
        description: 'Popular hill station nestled in the mountains
of Himachal Pradesh in India.',
        image: 'assets/manali.jpeg',
        hotels: [
          { name: 'Himalayan Lodge', price: 70 },
          { name: 'River View Resort', price: 90 },
          { name: 'Mountain Cabin', price: 60 }
        ],
        transport: [
          { name: 'Flight', price: 150 },
          { name: 'Train', price: 80 },
          { name: 'Bus', price: 50 }
        ],
        activities: [
          { name: 'Trekking', price: 30 },
          { name: 'Paragliding', price: 70 },
          { name: 'Skiing', price: 60 }
        ]
      },
      {
        id: 'darjeeling',
        name: 'Darjeeling',
        description: 'Scenic hill station in West Bengal famous for
tea gardens and panoramic views.',
        image: 'assets/darjeeling.jpeg',
        hotels: [
          { name: 'Tea Estate Stay', price: 80 },
          { name: 'Hillside Hotel', price: 90 },
          { name: 'Colonial Lodge', price: 75 }
        ],
        transport: [
          { name: 'Flight', price: 180 },
          { name: 'Train', price: 90 }
        ],
        activities: [
          { name: 'Tea Garden Tour', price: 20 },
          { name: 'Toy Train Ride', price: 25 },
          { name: 'Hiking', price: 30 }
```

```
        ]
      },
      {
        id: 'alps',
        name: 'Swiss Alps',
        description: 'Europe's highest and most extensive mountain
range spanning France, Italy and Switzerland.',
        image: 'assets/swiss.jpeg',
        hotels: [
          { name: 'Chalet Alpine', price: 220 },
          { name: 'Ski Resort', price: 260 },
          { name: 'Mountain Lodge', price: 200 }
        ],
        transport: [
          { name: 'Flight', price: 500 },
          { name: 'Train', price: 200 }
        ],
        activities: [
          { name: 'Skiing', price: 80 },
          { name: 'Snowboarding', price: 75 },
          { name: 'Cable Car', price: 40 }
        ]
      }
    ],
    city: [
      {
        id: 'newyork',
        name: 'New York',
        description: 'Vibrant metropolis known for its skyscrapers,
culture and diverse cuisine.',
        image: 'assets/city.png',
        hotels: [
          { name: 'Downtown Hotel', price: 180 },
          { name: 'Times Square Inn', price: 220 },
          { name: 'Boutique Loft', price: 200 }
        ],
        transport: [
          { name: 'Flight', price: 600 },
          { name: 'Train', price: 250 }
        ],
        activities: [
          { name: 'City Tour', price: 60 },
```

```
          { name: 'Museum Visit', price: 30 },
          { name: 'Broadway Show', price: 120 }
        ]
      },
      {
        id: 'london',
        name: 'London',
        description: 'Historic city and capital of the UK filled with
museums, landmarks and theatre.',
        image: 'london.jpeg',
        hotels: [
          { name: 'Central Hotel', price: 210 },
          { name: 'Riverside Stay', price: 190 },
          { name: 'Heritage Inn', price: 170 }
        ],
        transport: [
          { name: 'Flight', price: 550 },
          { name: 'Train', price: 300 }
        ],
        activities: [
          { name: 'Sightseeing Tour', price: 45 },
          { name: 'Theatre Show', price: 80 },
          { name: 'Museum Pass', price: 25 }
        ]
      },
      {
        id: 'tokyo',
        name: 'Tokyo',
        description: 'Japan's bustling capital blending ultra-modern
and traditional architecture.',
        image: 'tokyo.jpeg',
        hotels: [
          { name: 'Shibuya Hotel', price: 230 },
          { name: 'City Center Inn', price: 210 },
          { name: 'Traditional Ryokan', price: 190 }
        ],
        transport: [
          { name: 'Flight', price: 700 },
          { name: 'Bullet Train', price: 450 }
        ],
        activities: [
          { name: 'Temple Visit', price: 35 },
```

```
          { name: 'Anime Tour', price: 55 },
          { name: 'Food Tasting', price: 65 }
        ]
      }
    ]
  };

  // State variables
  let selectedInterest = null;
  let selectedDestination = null;
  let selectedAccommodation = null;
  let selectedTransport = null;
  let selectedNights = 1;
  let selectedActivities = [];

  // Utility to capitalise first letter
  function capitalise(str) {
    return str.charAt(0).toUpperCase() + str.slice(1);
  }

  /**
   * Render the list of destination cards based on the selected
interest.
   * Creates HTML markup for each destination and injects it into
#destination-list.
   */
  function renderDestinations() {
    const list = data[selectedInterest] || [];
    const container = $('#destination-list');
    container.empty();
    if (list.length === 0) {
      container.append('<p class="text-muted">No destinations
available.</p>');
      return;
    }
    list.forEach((dest, idx) => {
      const card = $(
        `<div class="col-md-4 mb-4">
          <div class="destination-card">
            <img src="${dest.image}" alt="${dest.name}"
class="card-img-top">
            <div class="card-body">
```

```
                <h5 class="card-title">${dest.name}</h5>
                <p class="card-text">${dest.description}</p>
                <button class="btn btn-accent w-100 select-destination"
data-index="${idx}">Select</button>
              </div>
            </div>
          </div>`
        );
        container.append(card);
      });
    }

    /**
     * Populate the accommodation and transport selects based on the
chosen destination.
     */
    function populateAccommodationAndTransport() {
      // Update heading

$('#selected-destination-name').text(`${selectedDestination.name}`);
      // Populate accommodation
      const accSelect = $('#accommodation-select');
      accSelect.empty();
      selectedDestination.hotels.forEach((hotel, idx) => {
        accSelect.append(`<option value="${idx}">${hotel.name}
($${hotel.price}/night)</u></option>`);
      });
      // Populate transport
      const transSelect = $('#transport-select');
      transSelect.empty();
      selectedDestination.transport.forEach((trans, idx) => {
        transSelect.append(`<option value="${idx}">${trans.name}
($${trans.price})</u></option>`);
      });
    }

    /**
     * Render the activities list for the chosen destination.
     */
    function renderActivities() {
      const list = selectedDestination.activities;
      const container = $('#activities-list');
```

```
    container.empty();
    list.forEach(activity => {
      const id = `activity-${activity.name.replace(/\s+/g, '-')}`;
      container.append(
        `<div class="form-check mb-2">
          <input class="form-check-input activity-checkbox"
type="checkbox" value="" id="${id}" data-name="${activity.name}"
data-price="${activity.price}">
          <label class="form-check-label" for="${id}">
            ${activity.name} ($${activity.price})
          </label>
        </div>`
      );
    });
  }

  /**
   * Update the schedule input fields whenever an activity checkbox
is toggled.
   */
  function updateActivitySchedule(name, checked, price) {
    const scheduleContainer = $('#activity-schedule');
    const safeId = name.replace(/\s+/g, '-');
    if (checked) {
      // Create a new schedule block
      const block = $(
        `<div class="activity-time" data-activity="${name}">
          <h6 class="mb-2">${name}</h6>
          <div class="row">
            <div class="col-sm-6 mb-3">
              <label for="date-${safeId}"
class="form-label">Date</label>
              <input type="date" class="form-control date-input"
id="date-${safeId}" required>
            </div>
            <div class="col-sm-6 mb-3">
              <label for="time-${safeId}"
class="form-label">Time</label>
              <input type="time" class="form-control time-input"
id="time-${safeId}" required>
            </div>
          </div>
```

```
        </div>`
      );
      scheduleContainer.append(block);
    } else {
      // Remove the schedule block
      scheduleContainer.find(`[data-activity="${name}"]`).remove();
    }
  }

  /**
   * Build the itinerary summary and display it in the itinerary
section.
   */
  function buildItinerarySummary() {
    const summaryContainer = $('#itinerary-summary');
    summaryContainer.empty();
    // Compute costs
    const accCost = selectedAccommodation.price * selectedNights;
    const transCost = selectedTransport.price;
    let activitiesCost = 0;
    selectedActivities.forEach(a => { activitiesCost += a.price; });
    const totalCost = accCost + transCost + activitiesCost;
    // Build summary card
    let html = '';
    html += '<div class="summary-card">';
    html += `<h5 class="mb-3">Destination:
${selectedDestination.name}</h5>`;
    html += '<table class="table table-bordered align-middle">';
    html +=
'<thead><tr><th>Item</th><th>Details</th><th>Cost</th></tr></thead><t
body>';
    html +=
`<tr><td>Accommodation</td><td>${selectedAccommodation.name} ×
${selectedNights} night(s)</td><td>$${accCost}</td></tr>`;
    html +=
`<tr><td>Transport</td><td>${selectedTransport.name}</td><td>$${trans
Cost}</td></tr>`;
    if (selectedActivities.length > 0) {
      selectedActivities.forEach(a => {
        html += `<tr><td>Activity</td><td>${a.name} - ${a.date}
${a.time}</td><td>$${a.price}</td></tr>`;
      });
```

```
    } else {
      html += '<tr><td>Activities</td><td colspan="2">No activities
selected</td></tr>';
    }
    html += '</tbody>';
    html += `<tfoot><tr><td
colspan="2">Total</td><td>$${totalCost}</td></tr></tfoot>`;
    html += '</table>';
    html += '</div>';
    summaryContainer.append(html);
    // Show itinerary section
    $('#itinerary-section').show();
    // Scroll smoothly to itinerary
    document.getElementById('itinerary-section').scrollIntoView({
behavior: 'smooth' });
  }

  /**
   * Reset all selections and return to the top of the form.
   */
  function resetPlanner() {
    // Clear state variables
    selectedInterest = null;
    selectedDestination = null;
    selectedAccommodation = null;
    selectedTransport = null;
    selectedNights = 1;
    selectedActivities = [];
    // Reset forms
    $('input[name="interest"]').prop('checked', false);
    $('#destination-list').empty();
    $('#accommodation-select').empty();
    $('#transport-select').empty();
    $('#nights-input').val(1);
    $('#activities-list').empty();
    $('#activity-schedule').empty();
    $('#itinerary-summary').empty();
    // Hide sections
    $('#accommodation-section').hide();
    $('#activities-section').hide();
    $('#itinerary-section').hide();
    // Scroll to search section
```

```
    document.getElementById('search-section').scrollIntoView({
behavior: 'smooth' });
  }

  /* Event listeners */
  // Search destinations button
  $('#search-button').on('click', function () {
    selectedInterest = $('input[name="interest"]:checked').val();
    if (!selectedInterest) {
      alert('Please select an interest before searching.');
      return;
    }
    renderDestinations();
    // Hide subsequent sections in case of re-search
    $('#accommodation-section').hide();
    $('#activities-section').hide();
    $('#itinerary-section').hide();
  });

  // Selecting a destination card
  $('#destination-list').on('click', '.select-destination', function
() {
    const index = $(this).data('index');
    selectedDestination = data[selectedInterest][index];
    // Populate accommodation and transport options
    populateAccommodationAndTransport();
    // Show accommodation section
    $('#accommodation-section').show();
    // Scroll to accommodation section
    document.getElementById('accommodation-section').scrollIntoView({
behavior: 'smooth' });
  });

  // Move to activities selection
  $('#next-to-activities').on('click', function () {
    // Validate number of nights
    selectedNights = parseInt($('#nights-input').val(), 10);
    if (!selectedNights || selectedNights < 1) {
      alert('Please enter a valid number of nights.');
      return;
    }
    // Get accommodation choice
```

```
    const accIndex = parseInt($('#accommodation-select').val(), 10);
    const transIndex = parseInt($('#transport-select').val(), 10);
    selectedAccommodation = selectedDestination.hotels[accIndex];
    selectedTransport = selectedDestination.transport[transIndex];
    // Render activities list
    renderActivities();
    // Reset previously selected activities if re-visiting
    $('#activity-schedule').empty();
    $('input.activity-checkbox').prop('checked', false);
    selectedActivities = [];
    // Show activities section
    $('#activities-section').show();
    // Scroll to activities section
    document.getElementById('activities-section').scrollIntoView({
behavior: 'smooth' });
  });

  // Handle toggling of activity checkboxes
  $('#activities-list').on('change', '.activity-checkbox', function
() {
    const name = $(this).data('name');
    const price = parseFloat($(this).data('price'));
    const checked = $(this).is(':checked');
    updateActivitySchedule(name, checked, price);
  });

  // Add selected activities to itinerary and display summary
  $('#add-to-itinerary').on('click', function () {
    selectedActivities = [];
    let valid = true;
    // Iterate through each scheduled block
    $('#activity-schedule .activity-time').each(function () {
      const name = $(this).data('activity');
      const date = $(this).find('.date-input').val();
      const time = $(this).find('.time-input').val();
      const price = parseFloat($(`#activities-list
.activity-checkbox[data-name="${name}"]`).data('price'));
      if (!date || !time) {
        alert(`Please choose date and time for ${name}.`);
        valid = false;
        return false; // break out of each loop
      }
```

```
      selectedActivities.push({ name, date, time, price });
    });
    if (!valid) return;
    // Build and display itinerary summary
    buildItinerarySummary();
  });

  // Reset button
  $('#reset-button').on('click', function () {
    resetPlanner();
  });
});
```

styles.css

```
/* Custom styles for Holiday Planner */

/* Accent colour and reusable utilities */
:root {
  --accent-color: #ff7f50; /* coral */
  --accent-hover: #ff956e;
}

body {
  font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
  background-color: #fdfdfd;
  color: #333;
}

/* Navbar styling */
.bg-accent {
  background-color: var(--accent-color) !important;
}

.navbar-brand {
  font-weight: 600;
}

.nav-link {
  color: #fff !important;
}

.nav-link:hover {
  text-decoration: underline;
}

/* Hero section */
.hero-section {
  height: 60vh;
  background-image: url('assets/hero.png');
  background-size: cover;
  background-position: center;
  color: #2f2f2f;
  position: relative;
}
```

```
.hero-section::before {
  content: "";
  position: absolute;
  top: 0;
  left: 0;
  width: 100%;
  height: 100%;
  background-color: rgba(255,255,255,0.6);
}

.hero-section .container {
  position: relative;
  z-index: 1;
}

.hero-section .btn-accent {
  color: #fff;
}

/* Section titles */
.section-title {
  color: var(--accent-color);
  font-weight: 600;
}

/* Buttons */
.btn-accent {
  background-color: var(--accent-color);
  color: #fff;
  border: none;
}

.btn-accent:hover,
.btn-accent:focus {
  background-color: var(--accent-hover);
  color: #fff;
}

/* Destination cards */
.destination-card {
  border: 1px solid #e5e5e5;
```

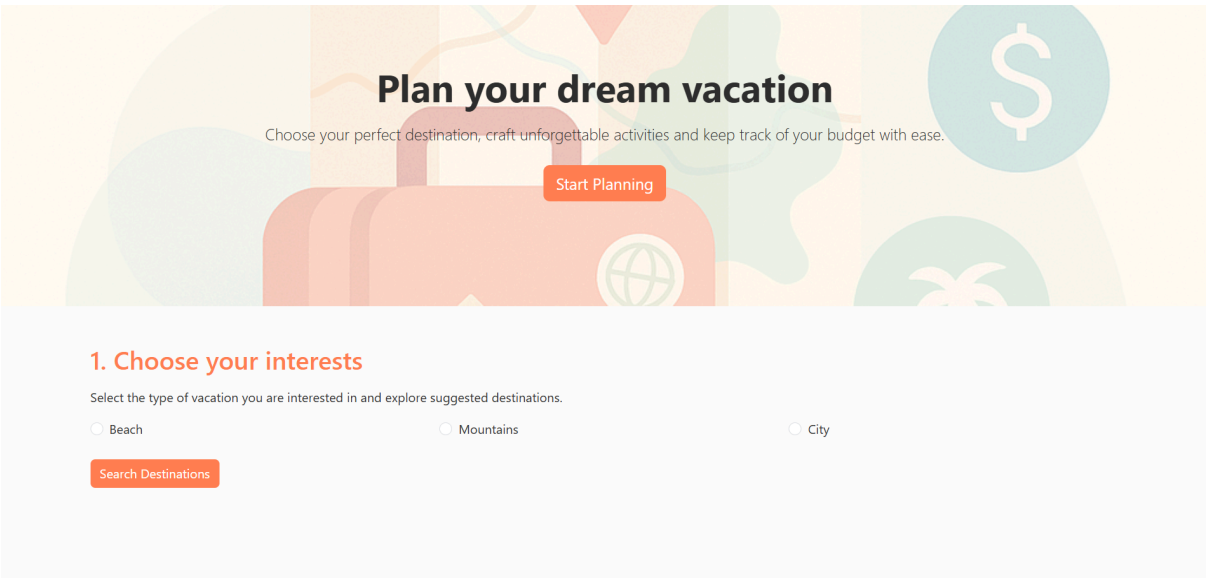
```
  border-radius: 6px;
  overflow: hidden;
  box-shadow: 0 2px 4px rgba(0,0,0,0.05);
  transition: transform 0.2s ease;
}

.destination-card:hover {
  transform: translateY(-4px);
  box-shadow: 0 4px 8px rgba(0,0,0,0.1);
}

.destination-card img {
  width: 100%;
  height: 160px;
  object-fit: cover;
}

.destination-card .card-body {
  padding: 15px;
}

/* Activity schedule styling */
#activity-schedule .activity-time {
  padding: 15px;
  border: 1px solid #e5e5e5;
  border-radius: 6px;
  margin-bottom: 10px;
  background-color: #f9f9f9;
}

#activity-schedule .activity-time label {
  font-weight: 500;
  margin-bottom: 5px;
}

/* Itinerary summary */
#itinerary-summary .summary-card {
  border: 1px solid #e5e5e5;
  border-radius: 6px;
  padding: 20px;
  background-color: #fff;
  box-shadow: 0 2px 4px rgba(0,0,0,0.05);
```

```
}

#itinerary-summary table {
  width: 100%;
}

#itinerary-summary th,
#itinerary-summary td {
  padding: 6px 8px;
  text-align: left;
}

#itinerary-summary th {
  background-color: #f7f7f7;
  font-weight: 600;
}

#itinerary-summary tfoot td {
  font-weight: 600;
  color: var(--accent-color);
}
```

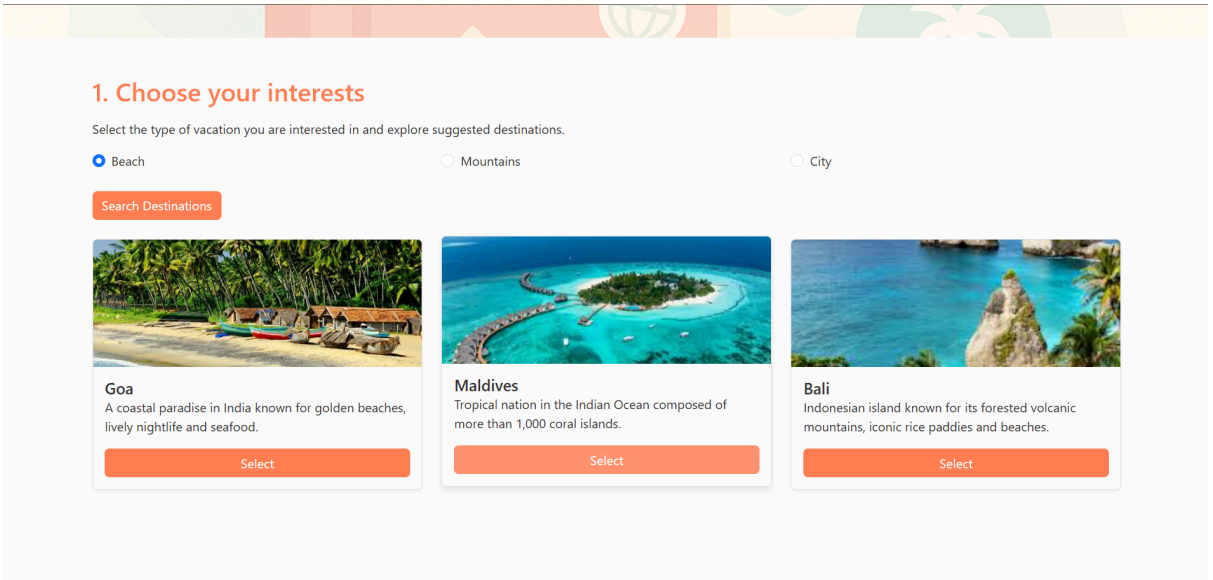
Screenshots of Final Output

Holiday Planner:

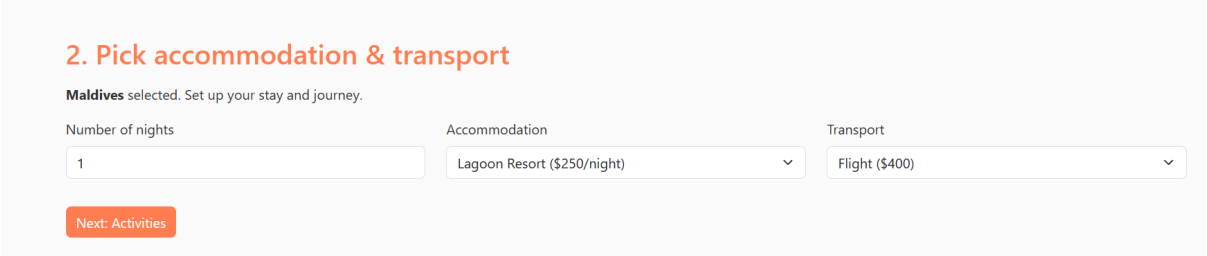
Main page



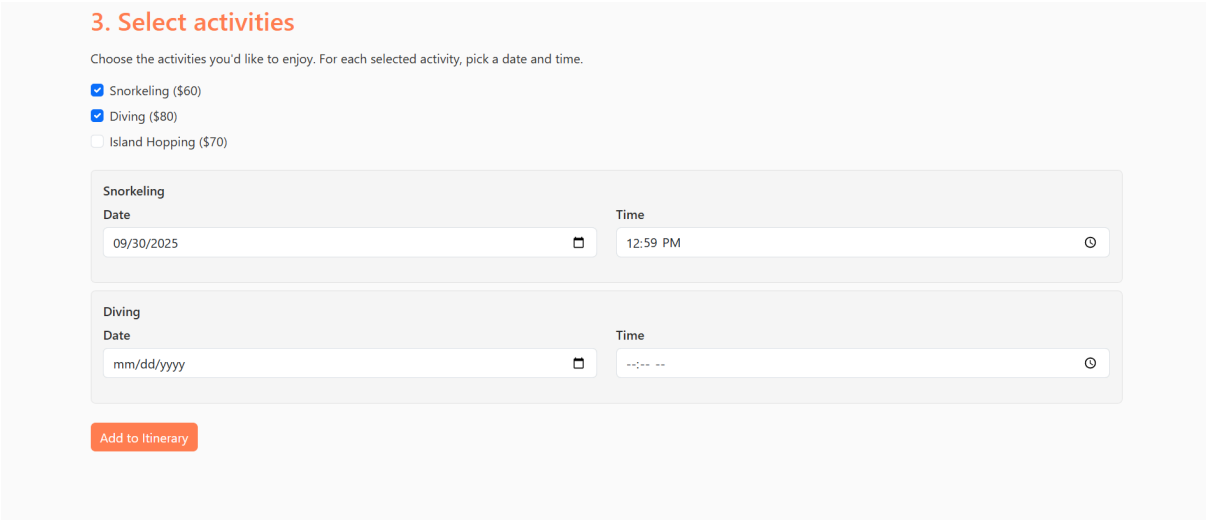
User selection



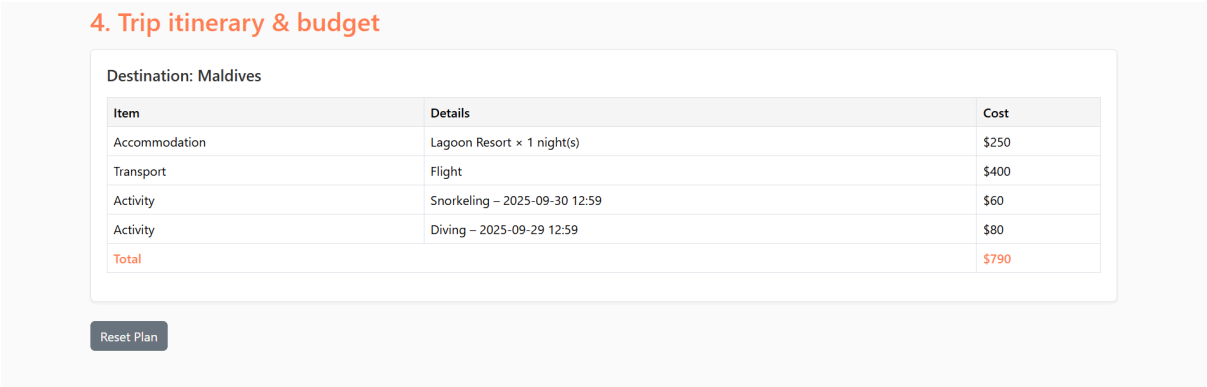
Stay and Transport planning



Activities Planning



Final Itinerary



Conclusions

The Holiday Planner project successfully demonstrates how a combination of front-end technologies like HTML, CSS, Bootstrap, JavaScript, and jQuery can be used to build an interactive and responsive vacation planning tool. It meets the primary goal of streamlining the trip planning experience for users. With further enhancements, it can evolve into a complete travel assistant platform with real-time integration and personalization features.

References

L&T LMS : https://learn.Intedutech.com/Landing/MyCourse

Your Favourite City Information Page

Github Link:

https://github.com/shaundx5/my-html-css-js-jquery-project/tree/main/Project/Assignment_2

Abstract

This project is a responsive and interactive website designed to showcase comprehensive information about Florence, with the goal of promoting tourism and enhancing user engagement. The site is structured into several key sections including an introduction to the city, popular attractions, top-rated restaurants and cafés, local events, and things to do. Each section features visual elements like images and maps to create an immersive experience. Built using HTML, CSS, JavaScript, Bootstrap, and jQuery, the website offers smooth navigation, dynamic content, and mobile responsiveness. Visitors can explore city highlights, discover entertainment options, and access contact details for local tours or hotel bookings. The project demonstrates modern web development practices and aims to serve as an informative guide for travelers and city enthusiasts.

Objectives

- ➔ Design a user-friendly, informative webpage focused on a specific city.
- ➔ Use HTML5 semantic elements for structured and accessible content.
- ➔ Apply CSS3 styling to reflect the city's identity and enhance visual appeal
- ➔ Implement a responsive layout using Bootstrap and media queries.
- ➔ Create modular and reusable sections for attractions, restaurants, events, and activities.
- ➔ Incorporate interactive features using JavaScript and jQuery.
- ➔ Ensure cross-browser compatibility and performance optimization.

Scope of the project

The scope of this project is to design and develop a responsive, content-rich informational website that showcases a selected city and serves as a digital guide for tourists, locals, and enthusiasts. The website will cover essential aspects of the city such as its history, major attractions, popular dining options, cultural events, and entertainment venues. The site will be structured using HTML5 for semantic content, styled using CSS3 for aesthetic and responsive design, and enhanced with JavaScript/jQuery for interactivity.

In Scope:

- **Responsive City Website**: A fully responsive static website built using HTML, CSS, JavaScript, and Bootstrap.
- **City Overview**: A visually appealing introduction section containing key facts and an overview of the city.
- **Tourist Attractions**: A section showcasing major landmarks with images, descriptions, and optional embedded map locations.
- **Restaurants & Cafés**: Listings of popular dining places with information on cuisine, ratings, and location.
- **Things to Do**: Curated list of entertainment options, parks, shopping areas, and unique experiences.
- **Local Events**: Highlight of annual festivals, cultural activities, and events that define the city's lifestyle.
- **Contact Section**: Includes contact details or a simple contact form for inquiries related to tours or bookings.
- **Mini Carousel**: An image slider showcasing attractions or events, with autoplay and pause-on-hover functionality.

- **Frontend Technologies Only**: Implementation using HTML5, CSS3, Bootstrap, and JavaScript/jQuery (no back-end or database).

Out of Scope:

- **Dynamic Content Management**: No use of content management systems (e.g., WordPress, Drupal).
- **Backend Development**: No server-side scripting (e.g., PHP, Node.js) or database integration (e.g., MySQL, MongoDB).
- **Real-Time Updates**: No live data from APIs for weather, maps, or event feeds.
- **User Authentication**: No login, registration, or user account features.
- **E-commerce Functionality**: No payment gateways or online booking systems included.
- **Multi-language Support**: The site will be in a single language (e.g., English) and does not include internationalization.

Target Audience:

- **Tourists & Travelers**: Individuals planning to visit the city and looking for a reliable and visually engaging city guide.
- **Local Residents**: Locals seeking to rediscover attractions, events, or new places to eat within their city.
- **Travel Bloggers & Influencers**: Content creators looking for inspiration or information to feature in their travel blogs or vlogs.
- **Students & Developers**: Web development learners interested in exploring a front-end project with real-world application.
- **Event Planners & Tour Companies**: Agencies that might use the website as a reference or template for promoting local experiences.

Tools & Technologies Used

Tool / Technology	Purpose
HTML5	Markup and content structure
CSS3	Styling, layout, responsiveness
Visual Studio Code	Code editor
Browser Developer Tools	Testing and debugging
Bootstrap	Responsive and mobile-first layout,using pre-defined classes and components.
JavaScript (ES6+)	Add interactivity
jQuery	Simplify DOM manipulation, event handling, and animations.
Google Maps API	Embedding interactive maps

HTML Structure Overview

Semantic tags used: `<header>`, `<nav>`, `<main>`, `<section>`, `<footer>`

Page sections:

- **Introduction** – brief overview of the city with key facts and an engaging hero image/banner.
- **Attractions** – detailed descriptions of popular landmarks with images and embedded map.
- **Restaurants and Cafes** – responsive list/grid of dining places including cuisine type, ratings, and locations.
- **Things to Do** – highlights activities like parks, shopping, entertainment venues with images and descriptions
- **Local Events** – scrollable or timeline section featuring annual festivals, concerts, and events.
- **Contact Information** – details for local tours, hotel bookings, and inquiry forms.
- **Footer** – site credits, social media links, and additional resources.

CSS Styling Strategy

- **External stylesheet:** style.css for all styles.
- **Layout techniques:**

  Flexbox for header, footer, navigation, and horizontal sections.

  CSS Grid for attractions, restaurants, and event listings.
- **Responsive design:**

  Mobile-first approach with media queries at key breakpoints (tablet, desktop).
- **Theme customization:**

  CSS variables for primary colors, secondary colors, and typography.
- **Enhancements:**

  Hover effects on cards, buttons, and links.

  Gradient overlays on hero/banner images.

  Box shadows and rounded corners for cards and images.

Bootstrap Strategy:

- Utilize Bootstrap's responsive grid system for flexible layouts.
- Incorporate Bootstrap components like Navbar, Cards, Buttons, and Modals for consistent UI.
- Use Bootstrap utility classes for spacing, typography, and element visibility.
- Customize Bootstrap's default theme with overrides for colors and fonts via a custom CSS file.
- Ensure mobile-first responsiveness by leveraging Bootstrap's breakpoints and container classes.

jQuery Strategy:

- Use jQuery for DOM manipulation to add interactivity (e.g., show/hide sections).
- Attach event listeners for user actions such as clicks, hovers, and form inputs.
- Create animations and effects like smooth scrolling, fading, and carousel controls.
- Implement AJAX requests for dynamic content updates without page reloads (if applicable).
- Simplify JavaScript code by using jQuery's concise syntax for common tasks.

JavaScript Strategy:

- Use vanilla JavaScript for core interactivity and DOM manipulation.
- Implement event listeners for user interactions like clicks, hovers, and form submissions.
- Create dynamic features such as carousels, modals, and content toggling.
- Manage responsive behavior and animations with JavaScript for enhanced UX.
- Use modular code structure and functions to keep scripts organized and reusable.
- Ensure cross-browser compatibility and performance optimization.

Key Features

Feature	Description
Hero Introduction Banner	● Full-width banner with high-quality background image. ● Overlay title, tagline, and brief intro to the city. ● Responsive CTA button linking to city highlights.
Attractions & Landmarks Section	● Grid layout of top landmarks (e.g., monuments, museums). ● Image, description, and embedded Google Maps location. ● Hover effects on cards for interactivity.
CSS-Only Star Rating	Reviews with star indicators, no images or JS.
Best Restaurants & Cafés	● Card-style list of top dining spots. ● Includes cuisine type, ratings (CSS-only stars), and address. ● Optional filter by cuisine or budget (with jQuery).
Things to Do in the City	● Highlights outdoor parks, shopping areas, nightlife, and family-friendly activities. ● Sectioned layout with responsive images and short descriptions.

Local Events & Festivals	● Calendar-style or list format showcasing: ● Annual festivals ● Cultural events ● Concerts and parades ● Date badges and clickable cards for more info
Contact & Bookings Section	● Contact form for booking tours or hotel inquiries. ● Embedded map and contact details of tourism centers. ● Optionally uses jQuery for form validation.
Responsive Bootstrap Design	● Layout automatically adjusts for all screen sizes: ● Mobile: stacked columns, collapsible navbar ● Tablet: fluid image grids ● Desktop: full-width sections and interactive layout ● Utilizes Bootstrap 5 grid system and components.

Challenges Faced & Solutions

Challenge	Solution
Designing a Responsive Layout for All Devices	Used **Bootstrap's grid system** (`col-md-6`, `container-fluid`, etc.) and responsive utilities (like `d-block d-sm-none`). Media queries and `vh/vw` units were applied for finer adjustments.
Integrating an Interactive Map	Used **Google Maps Embed API** or **Leaflet.js** with OpenStreetMap. Custom pins were added using coordinates to show landmarks or restaurants.
Handling Image Optimization & Loading Speed	Used **compressed WebP or JPEG images**. Applied **lazy loading** (`loading="lazy"` on `<img>`). Used **CDNs** where possible for static assets.
Learning Curve with jQuery and Bootstrap Combined	Carefully followed documentation, avoided duplicate jQuery versions, and placed scripts at the bottom with `defer` or after DOM load.

Outcome

- Delivered a dark-themed, responsive city information website.
- Achieved consistent layout and user experience across desktop, tablet, and mobile devices.
- Gained experience in structuring semantic HTML content with flexible, reusable design components.
- Integrated dynamic features like image carousel, scroll animations, and embedded maps.
- Produced a scalable layout that can easily accommodate more attractions, restaurants, and event listings.
- Ensured visual appeal using Bootstrap, custom CSS, and interactive JavaScript/jQuery elements.
- Improved performance and responsiveness through media optimization and mobile-first design.
- Built a user-friendly interface that highlights the city's culture, food, and tourism effectively.

Future Enhancements

- Add JavaScript for interactivity (e.g., tabbed sections for attractions, restaurants, and events).
- Integrate third-party APIs (e.g., Google Maps API for interactive maps, Eventbrite API for live local events).
- Include light/dark mode toggle for user accessibility and theme preference.
- Add animations (e.g., fade-in banners, slide-in cards, hover effects on points of interest).
- Implement search and filter functionality for restaurants, attractions, and events.
- Enable user reviews and ratings with local storage or backend integration.
- Introduce multi-language support for international visitors.
- Optimize page performance using lazy loading for images and content.
- Add a blog or travel tips section for SEO and user engagement.
- Incorporate a chatbot or FAQ assistant for quick city guidance.

Sample Code

Assignment 2

- **index.html**

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width,
initial-scale=1.0">
    <title>Florence - The Renaissance Heart of Italy</title>

    <!-- Google Fonts -->
    <link
href="https://fonts.googleapis.com/css2?family=Playfair+Display:wght@
400;500;600;700&family=Poppins:wght@300;400;500;600&display=swap"
rel="stylesheet">

    <!-- Bootstrap CSS -->
    <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap
.min.css" rel="stylesheet">

    <!-- AOS Animation Library -->
    <link href="https://unpkg.com/aos@2.3.1/dist/aos.css"
rel="stylesheet">

    <!-- Custom CSS -->
    <link rel="stylesheet" href="css/style.css">
</head>
<body>
    <!-- Preloader -->
    <div id="preloader">
        <div class="preloader-content">
            <div class="florence-skyline">
                <div class="building building-1"></div>
                <div class="building building-2"></div>
                <div class="building building-3"></div>
```

```
                <div class="building building-4"></div>
                <div class="building building-5"></div>
            </div>
            <p class="loading-text">Discovering Florence...</p>
        </div>
    </div>

    <!-- Navigation -->
    <nav class="navbar navbar-expand-lg fixed-top" id="mainNav">
        <div class="container">
            <a class="navbar-brand" href="#home">
                <span class="brand-text">Florence</span>
            </a>

            <button class="navbar-toggler" type="button"
data-bs-toggle="collapse" data-bs-target="#navbarNav">
                <span class="navbar-toggler-icon"></span>
            </button>

            <div class="collapse navbar-collapse" id="navbarNav">
                <ul class="navbar-nav ms-auto">
                    <li class="nav-item">
                        <!-- Added icon to Attractions nav link -->
                        <a class="nav-link" href="#attractions">
                            <i class="nav-icon">🏛️</i>
                            <span>Attractions</span>
                        </a>
                    </li>
                    <li class="nav-item">
                        <!-- Added icon to Restaurants nav link -->
                        <a class="nav-link" href="#restaurants">
                            <i class="nav-icon">🍽️</i>
                            <span>Restaurants</span>
                        </a>
                    </li>
                    <li class="nav-item">
                        <!-- Added icon to Things to Do nav link -->
                        <a class="nav-link" href="#things-to-do">
                            <i class="nav-icon">🎯</i>
                            <span>Things to Do</span>
                        </a>
                    </li>
```

```
                    <li class="nav-item">
                        <!-- Added icon to Events nav link -->
                        <a class="nav-link" href="#events">
                            <i class="nav-icon">🎭</i>
                            <span>Events</span>
                        </a>
                    </li>
                    <li class="nav-item">
                        <!-- Added icon to Contact nav link -->
                        <a class="nav-link" href="#contact">
                            <i class="nav-icon">📧</i>
                            <span>Contact</span>
                        </a>
                    </li>
                </ul>
            </div>
        </div>
    </nav>

    <!-- Main Content Wrapper for Accessibility -->
    <main id="main-content">
        <!-- Hero Section -->

        <section id="home" class="hero-section">
            <div class="hero-overlay"></div>
            <div class="hero-background"></div>
            <div class="container h-100">
                <div class="row h-100 align-items-center
justify-content-center text-center">
                    <div class="col-lg-10">
                        <div class="hero-content" data-aos="fade-up"
data-aos-duration="1000">
                            <h1 class="hero-title">
                                <span
class="title-line">Florence</span>
                                <span class="title-subtitle">The
Renaissance Heart of Italy</span>
                            </h1>
                            <p class="hero-description"
data-aos="fade-up" data-aos-delay="200">
                                Discover the birthplace of the
Renaissance, where art, culture, and history converge in magnificent
```

```
harmony
                            </p>
                            <a href="#attractions" class="btn
btn-explore" data-aos="fade-up" data-aos-delay="400">
                                Explore Florence
                            </a>
                        </div>
                    </div>
                </div>
            </div>
        </section>

        <!-- Attractions Section -->
        <section id="attractions" class="section-padding">
            <div class="container">
                <div class="row">
                    <div class="col-lg-12 text-center mb-5">
                        <h2 class="section-title"
data-aos="fade-up">Historic Attractions</h2>
                        <p class="section-subtitle"
data-aos="fade-up" data-aos-delay="100">
                            Explore Florence's most iconic landmarks
and architectural marvels
                        </p>
                    </div>
                </div>

                <div class="row g-4 mb-5">
                    <!-- Attraction Cards will be populated here -->
                    <div class="col-lg-4 col-md-6" data-aos="fade-up"
data-aos-delay="100">
                        <div class="attraction-card">
                            <div class="card-inner">
                                <div class="card-front">
                                    <img
src="images/attractions/Ponte_Vecchio_from_Ponte_alle_Grazie.jpg"
"height=300&width=400" alt="Ponte Vecchio" class="card-image">
                                    <div class="card-overlay">
                                        <h3 class="card-title">Ponte
Vecchio</h3>
                                    </div>
                                </div>
```

```
                                <div class="card-back">
                                    <div class="card-back-content">
                                        <h3>Ponte Vecchio</h3>
                                        <p>The iconic medieval bridge
spanning the Arno River, famous for its jewelry shops and stunning
sunset views.</p>
                                    </div>
                                </div>
                            </div>
                        </div>

                        <div class="col-lg-4 col-md-6" data-aos="fade-up"
data-aos-delay="200">
                            <div class="attraction-card">
                                <div class="card-inner">
                                    <div class="card-front">
                                        <img
src="images/attractions/piazzale-michelangelo.jpg"
height=300&width=400" alt="Piazzale Michelangelo" class="card-image">
                                        <div class="card-overlay">
                                            <h3
class="card-title">Piazzale Michelangelo</h3>
                                        </div>
                                    </div>
                                    <div class="card-back">
                                        <div class="card-back-content">
                                            <h3>Piazzale
Michelangelo</h3>
                                            <p>The most famous viewpoint
in Florence, offering breathtaking panoramic views of the entire city
and the Arno valley.</p>
                                        </div>
                                    </div>
                                </div>
                            </div>
                        </div>

                        <div class="col-lg-4 col-md-6" data-aos="fade-up"
data-aos-delay="300">
                            <div class="attraction-card">
                                <div class="card-inner">
```

```
                                <div class="card-front">
                                    <img
src="images/attractions/bob.jpg.avif" "height=300&width=400"
alt="Boboli Gardens" class="card-image">
                                    <div class="card-overlay">
                                        <h3 class="card-title">Boboli
Gardens</h3>
                                    </div>
                                </div>
                                <div class="card-back">
                                    <div class="card-back-content">
                                        <h3>Boboli Gardens</h3>
                                        <p>Historic park behind Pitti
Palace, featuring Renaissance landscaping, sculptures, and peaceful
walking paths.</p>

</div>
                                </div>
                            </div>
                        </div>
                    </div>

                    <div class="col-lg-4 col-md-6" data-aos="fade-up"
data-aos-delay="400">
                        <div class="attraction-card">
                            <div class="card-inner">
                                <div class="card-front">
                                    <img
src="images/attractions/piazza-della-signoria.jpg"
"height=300&width=400" alt="Piazza della Signoria"
class="card-image">
                                    <div class="card-overlay">
                                        <h3 class="card-title">Piazza
della Signoria</h3>
                                    </div>
                                </div>
                                <div class="card-back">
                                    <div class="card-back-content">
                                        <h3>Piazza della
Signoria</h3>
                                        <p>The political heart of
Florence, home to Palazzo Vecchio and an open-air sculpture gallery
```

```
with masterpieces.</p>

</div>
                                </div>
                            </div>
                        </div>
                    </div>

                    <div class="col-lg-4 col-md-6" data-aos="fade-up"
data-aos-delay="500">
                        <div class="attraction-card">
                            <div class="card-inner">
                                <div class="card-front">
                                    <img
src="images/attractions/san-miniato.jpg" "height=300&width=400"
alt="San Miniato al Monte" class="card-image">
                                    <div class="card-overlay">
                                        <h3 class="card-title">San
Miniato al Monte</h3>
                                    </div>
                                </div>
                                <div class="card-back">
                                    <div class="card-back-content">
                                        <h3>San Miniato al Monte</h3>
                                        <p>Beautiful Romanesque
basilica perched on a hilltop, offering spectacular views and
exquisite marble inlay work.</p>

</div>
                                </div>
                            </div>
                        </div>
                    </div>

                    <!-- Added 6th attraction card -->
                    <div class="col-lg-4 col-md-6" data-aos="fade-up"
data-aos-delay="600">
                        <div class="attraction-card">
                            <div class="card-inner">
                                <div class="card-front">
                                    <img
src="images/attractions/palazzo-pitti.jpg.avif"
```

```
"height=300&width=400" alt="Palazzo Pitti" class="card-image">
                                    <div class="card-overlay">
                                        <h3
class="card-title">Palazzo Pitti</h3>
                                    </div>
                                </div>
                                <div class="card-back">
                                    <div class="card-back-content">
                                        <h3>Palazzo Pitti</h3>
                                        <p>Renaissance palace housing
multiple museums and galleries, including the Palatine Gallery with
works by Raphael and Titian.</p>

</div>
                                </div>
                            </div>
                        </div>
                    </div>

                <!-- Google Map -->
                <div class="row">
                    <div class="col-12" data-aos="fade-up">
                        <div class="map-container">
                            <h3 class="map-title">Find These
Attractions</h3>
                                <div class="map mt-5"
data-aos="fade-up">
                                    <iframe
src="https://www.google.com/maps/embed?pb=!1m18!1m12!1m3!1d2882.43003
25746196!2d11.255814215738438!3d43.77313317911721!2m3!1f0!2f0!3f0!3m2
!1i1024!2i768!4f13.1!3m3!1m2!1s0x132a5409d4f4f7ed%3A0x75f71b3ffe5e3dc
5!2sCattedrale%20di%20Santa%20Maria%20del%20Fiore!5e0!3m2!1sen!2sit!4
v1633272577378!5m2!1sen!2sit" width="100%" height="300"
style="border:0;" allowfullscreen="" loading="lazy"></iframe>
                                </div>
                        </div>
                    </div>
                </div>
            </div>
        </section>
```

```
        <!-- Restaurants Section -->
        <section id="restaurants" class="section-padding bg-light">
            <div class="container">
                <div class="row">
                    <div class="col-lg-12 text-center mb-5">
                        <h2 class="section-title"
data-aos="fade-up">Restaurants & Cafés</h2>
                        <p class="section-subtitle"
data-aos="fade-up" data-aos-delay="100">
                            Savor authentic Tuscan flavors and
world-class dining experiences
                        </p>
                    </div>
                </div>

                <div class="row g-4">
                    <div class="col-lg-4 col-md-6" data-aos="fade-up"
data-aos-delay="100">
                        <div class="restaurant-card">
                            <div class="card-inner">
                                <div class="card-front">
                                    <img
src="images/restaurants/gio.jpeg" "height=300&width=400" alt="Osteria
di Giovanni" class="card-image">
                                    <div class="card-overlay">
                                        <h3
class="card-title">Osteria di Giovanni</h3>
                                        <div class="card-info">
                                            <span
class="cuisine">Traditional Tuscan</span>
                                            <span
class="rating">★★★★★</span>
                                        </div>
                                    </div>
                                </div>
                                <div class="card-back">
                                    <div class="card-back-content">
                                        <h3>Osteria di Giovanni</h3>
                                        <p
class="cuisine-type">Traditional Tuscan Cuisine</p>
                                        <p>Family-run restaurant
serving authentic Florentine dishes with locally sourced ingredients
```

```
and traditional recipes passed down through generations.</p>
                                        <div
class="restaurant-details">

<p><strong>Location:</strong> Via del Moro, 22</p>

<p><strong>Rating:</strong> ★★★★★ (4.8/5)</p>
                                        </div>
                                    </div>
                                </div>
                            </div>
                        </div>

                        <div class="col-lg-4 col-md-6" data-aos="fade-up"
data-aos-delay="200">
                            <div class="restaurant-card">
                                <div class="card-inner">
                                    <div class="card-front">
                                         <img
src="images/restaurants/il-palagio.jpg" "height=300&width=400"
alt="Il Palagio" class="card-image">
                                    <div class="card-overlay">
                                        <h3 class="card-title">Il
Palagio</h3>
                                        <div class="card-info">
                                            <span
class="cuisine">Fine Dining</span>
                                            <span
class="rating">★★★★★</span>
                                        </div>
                                    </div>
                                </div>
                                <div class="card-back">
                                    <div class="card-back-content">
                                        <h3>Il Palagio</h3>
                                        <p
class="cuisine-type">Contemporary Italian Fine Dining</p>
                                        <p>Michelin-starred
restaurant offering innovative interpretations of Italian classics in
an elegant setting overlooking the Arno River.</p>
                                        <div
```

```
class="restaurant-details">

<p><strong>Location:</strong> Four Seasons Hotel</p>

<p><strong>Rating:</strong> ★★★★★ (4.9/5)</p>
                                        </div>
                                    </div>
                                </div>
                            </div>
                        </div>
                    </div>

                    <div class="col-lg-4 col-md-6" data-aos="fade-up"
data-aos-delay="300">
                        <div class="restaurant-card">
                            <div class="card-inner">
                                <div class="card-front">
                                    <img
src="images/restaurants/trattoria-mario.jpg" "height=300&width=400"
alt="Trattoria Mario" class="card-image">
                                    <div class="card-overlay">
                                        <h3
class="card-title">Trattoria Mario</h3>
                                        <div class="card-info">
                                            <span
class="cuisine">Local Trattoria</span>
                                            <span
class="rating">★★★★☆</span>
                                        </div>
                                    </div>
                                </div>
                                <div class="card-back">
                                    <div class="card-back-content">
                                        <h3>Trattoria Mario</h3>
                                        <p
class="cuisine-type">Authentic Local Trattoria</p>
                                        <p>Historic no-frills
trattoria serving hearty Tuscan fare since 1953. Famous for its
communal tables and authentic atmosphere.</p>
                                        <div
class="restaurant-details">
```

```
<p><strong>Location:</strong> Via Rosina, 2r</p>

<p><strong>Rating:</strong> ★★★★☆ (4.5/5)</p>
                                        </div>
                                    </div>
                                </div>
                            </div>
                        </div>

                        <div class="col-lg-4 col-md-6" data-aos="fade-up"
data-aos-delay="400">
                            <div class="restaurant-card">
                                <div class="card-inner">
                                    <div class="card-front">
                                         <img
src="images/restaurants/caffe-gilli.jpg" "height=300&width=400"
alt="Caffè Gilli" class="card-image">
                                        <div class="card-overlay">
                                            <h3 class="card-title">Caffè
Gilli</h3>
                                            <div class="card-info">
                                                <span
class="cuisine">Historic Café</span>
                                                <span
class="rating">★★★★☆</span>
                                            </div>
                                        </div>
                                    </div>
                                    <div class="card-back">
                                        <div class="card-back-content">
                                            <h3>Caffè Gilli</h3>
                                            <p
class="cuisine-type">Historic Café & Pastry Shop</p>
                                            <p>Florence's oldest café,
established in 1733. Famous for its Belle Époque interiors, excellent
coffee, and traditional pastries.</p>
                                            <div
class="restaurant-details">

<p><strong>Location:</strong> Piazza della Repubblica</p>
```

```
<p><strong>Rating:</strong> ★★★★☆ (4.4/5)</p>
                                        </div>
                                    </div>
                                </div>
                            </div>
                        </div>

                        <div class="col-lg-4 col-md-6" data-aos="fade-up"
data-aos-delay="500">
                            <div class="restaurant-card">
                                <div class="card-inner">
                                    <div class="card-front">
                                        <img
src="images/restaurants/enoteca-pinchiorri.jpg"
"height=300&width=400" alt="Enoteca Pinchiorri" class="card-image">
                                    <div class="card-overlay">
                                        <h3
class="card-title">Enoteca Pinchiorri</h3>
                                        <div class="card-info">
                                            <span
class="cuisine">Wine Restaurant</span>
                                            <span
class="rating">★★★★★</span>
                                        </div>
                                    </div>
                                </div>
                                <div class="card-back">
                                    <div class="card-back-content">
                                        <h3>Enoteca Pinchiorri</h3>
                                        <p
class="cuisine-type">Gourmet Wine Restaurant</p>
                                        <p>Three Michelin-starred
restaurant with one of the world's finest wine cellars, offering
exceptional cuisine and wine pairings.</p>
                                        <div
class="restaurant-details">

<p><strong>Location:</strong> Via Ghibellina, 87</p>

<p><strong>Rating:</strong> ★★★★★ (4.7/5)</p>
                                        </div>
```

```
                                    </div>
                                </div>
                            </div>
                        </div>
                    </div>

                    <div class="col-lg-4 col-md-6" data-aos="fade-up"
data-aos-delay="600">
                        <!-- Added 6th restaurant card -->
                        <div class="restaurant-card">
                            <div class="card-inner">
                                <div class="card-front">
                                    <img
src="images/restaurants/antico-vinaio-firenze.jpeg.webp"
"height=300&width=400" alt="All'Antico Vinaio" class="card-image">
                                    <div class="card-overlay">
                                        <h3
class="card-title">All'Antico Vinaio</h3>
                                        <div class="card-info">
                                            <span
class="cuisine">Sandwich Shop</span>
                                            <span
class="rating">★★★★☆</span>
                                        </div>
                                    </div>
                                </div>
                                <div class="card-back">
                                    <div class="card-back-content">
                                        <h3>All'Antico Vinaio</h3>
                                        <p
class="cuisine-type">Gourmet Sandwich Shop</p>
                                        <p>Famous for its enormous,
delicious sandwiches made with fresh local ingredients. A must-try
Florentine street food experience.</p>
                                        <div
class="restaurant-details">

<p><strong>Location:</strong> Via dei Neri, 65r</p>

<p><strong>Rating:</strong> ★★★★☆ (4.6/5)</p>
                                        </div>
                                    </div>
```

```
                                </div>
                            </div>
                        </div>
                    </div>
                </div>
            </div>
        </section>

        <!-- Things to Do Section -->
        <section id="things-to-do" class="section-padding">
            <div class="container">
                <div class="row">
                    <div class="col-lg-12 text-center mb-5">
                        <h2 class="section-title"
data-aos="fade-up">Things to Do</h2>
                        <p class="section-subtitle"
data-aos="fade-up" data-aos-delay="100">
                            Immerse yourself in Florence's rich
culture and vibrant activities
                        </p>
                    </div>
                </div>

                <div class="row g-4">
                    <div class="col-lg-4 col-md-6" data-aos="fade-up"
data-aos-delay="100">
                        <div class="activity-card">
                            <img src="images/todo/uffizi-gallery.jpg"
"height=250&width=400" alt="Uffizi Gallery" class="card-image">
                            <div class="card-content">
                                <h3 class="card-title">Visit Uffizi
Gallery</h3>
                                <p>Explore one of the world's most
famous art museums, home to masterpieces by Botticelli, Michelangelo,
and Leonardo da Vinci.</p>
                            </div>
                        </div>
                    </div>

                    <div class="col-lg-4 col-md-6" data-aos="fade-up"
data-aos-delay="200">
                        <div class="activity-card">
```

```
                            <img
src="images/todo/oltrarno-shopping.jpeg" "height=250&width=400"
alt="Oltrarno Shopping" class="card-image">
                            <div class="card-content">
                                <h3 class="card-title">Shop in
Oltrarno</h3>
                                <p>Discover authentic artisan
workshops and boutiques in the charming Oltrarno district, perfect
for unique souvenirs and crafts.</p>
                            </div>
                        </div>
                    </div>

                    <div class="col-lg-4 col-md-6" data-aos="fade-up"
data-aos-delay="300">
                        <div class="activity-card">
                            <img src="images/todo/cooking-class.jpg"
"height=250&width=400" alt="Cooking Classes" class="card-image">
                            <div class="card-content">
                                <h3 class="card-title">Take Cooking
Classes</h3>
                                <p>Learn to prepare authentic Tuscan
dishes with local chefs, from handmade pasta to traditional desserts
and wine pairings.</p>
                            </div>
                        </div>
                    </div>

                    <div class="col-lg-4 col-md-6" data-aos="fade-up"
data-aos-delay="400">
                        <div class="activity-card">
                            <img src="images/todo/cascine-park.jpg"
"height=250&width=400" alt="Cascine Park" class="card-image">
                            <div class="card-content">
                                <h3 class="card-title">Relax in
Cascine Park</h3>
                                <p>Enjoy Florence's largest public
park, perfect for jogging, picnicking, or simply relaxing along the
Arno River.</p>
                            </div>
                        </div>
                    </div>
```

```
                    <div class="col-lg-4 col-md-6" data-aos="fade-up"
data-aos-delay="500">
                        <div class="activity-card">
                            <img src="images/todo/nightlife.jpg"
"height=250&width=400" alt="Nightlife" class="card-image">
                            <div class="card-content">
                                <h3 class="card-title">Experience
Nightlife</h3>
                                <p>Enjoy aperitivo culture, rooftop
bars with stunning views, and vibrant nightlife in the historic
center and trendy neighborhoods.</p>
                            </div>
                        </div>
                    </div>

                    <div class="col-lg-4 col-md-6" data-aos="fade-up"
data-aos-delay="600">
                        <!-- Added 6th things to do activity -->
                        <div class="activity-card">
                            <img src="images/todo/wine-tasting.jpg"
"height=250&width=400" alt="Wine Tasting" class="card-image">
                            <div class="card-content">
                                <h3 class="card-title">Wine Tasting
Tours</h3>
                                <p>Explore the renowned Chianti wine
region with guided tastings at historic vineyards and cellars,
learning about Tuscan winemaking traditions.</p>
                            </div>
                        </div>
                    </div>
                </div>
            </div>
        </section>

        <!-- Local Events Section -->
        <section id="events" class="section-padding bg-light">
            <div class="container">
                <div class="row">
                    <div class="col-lg-12 text-center mb-5">
                        <h2 class="section-title"
data-aos="fade-up">Local Events</h2>
```

```
                        <p class="section-subtitle"
data-aos="fade-up" data-aos-delay="100">
                            Experience Florence's vibrant cultural
calendar and traditional celebrations
                        </p>
                    </div>
                </div>

                <div class="row g-4">
                    <div class="col-lg-4 col-md-6" data-aos="fade-up"
data-aos-delay="100">
                        <div class="event-card" tabindex="0"
role="button">
                            <img
src="images/events/calcio-storico.jpg" "height=200&width=400"
alt="Calcio Storico" class="card-image">
                            <div class="card-content">
                                <div class="event-date">June</div>
                                <h3 class="card-title">Calcio
Storico</h3>
                                <p>Historic football tournament
dating back to the 16th century, played in medieval costumes in
Piazza Santa Croce.</p>
                                <div class="event-details">
                                    <span
class="event-type">Traditional Sport</span>
                                    <span
class="event-location">Piazza Santa Croce</span>
                                </div>
                            </div>
                        </div>
                    </div>

                    <div class="col-lg-4 col-md-6" data-aos="fade-up"
data-aos-delay="200">
                        <div class="event-card" tabindex="0"
role="button">
                            <img
src="images/events/maggio-musicale.jpg" "height=200&width=400"
alt="Maggio Musicale" class="card-image">
                            <div class="card-content">
                                <div
```

```
class="event-date">May-June</div>
                                <h3 class="card-title">Maggio
Musicale</h3>
                                <p>International opera and classical
music festival featuring world-renowned artists and orchestras in
historic venues.</p>
                                <div class="event-details">
                                    <span class="event-type">Music
Festival</span>
                                    <span
class="event-location">Teatro dell'Opera</span>
                                </div>
                            </div>
                        </div>
                    </div>

                    <div class="col-lg-4 col-md-6" data-aos="fade-up"
data-aos-delay="300">
                        <div class="event-card" tabindex="0"
role="button">
                            <img
src="images/events/san-giovanni-festa.jpeg" "height=200&width=400"
alt="Festa di San Giovanni" class="card-image">
                            <div class="card-content">
                                <div class="event-date">June 24</div>
                                <h3 class="card-title">Festa di San
Giovanni</h3>
                                <p>Florence's patron saint
celebration with spectacular fireworks over the Arno River and
traditional festivities.</p>
                                <div class="event-details">
                                    <span
class="event-type">Religious Festival</span>
                                    <span class="event-location">City
Center</span>
                                </div>
                            </div>
                        </div>
                    </div>

                    <div class="col-lg-4 col-md-6" data-aos="fade-up"
data-aos-delay="400">
```

```
                        <div class="event-card" tabindex="0"
role="button">
                            <img src="images/events/notte-bianca.jpg"
"height=200&width=400" alt="Notte Bianca" class="card-image">
                            <div class="card-content">
                                <div
class="event-date">September</div>
                                <h3 class="card-title">Notte
Bianca</h3>
                                <p>White Night when museums,
galleries, and cultural sites stay open late with special exhibitions
and events.</p>
                                <div class="event-details">
                                    <span class="event-type">Cultural
Event</span>
                                    <span
class="event-location">Citywide</span>
                                </div>
                            </div>
                        </div>
                    </div>

                    <div class="col-lg-4 col-md-6" data-aos="fade-up"
data-aos-delay="500">
                        <div class="event-card" tabindex="0"
role="button">
                            <img
src="images/events/scoppio-del-carro.jpeg" "height=200&width=400"
alt="Scoppio del Carro" class="card-image">
                            <div class="card-content">
                                <div class="event-date">Easter</div>
                                <h3 class="card-title">Scoppio del
Carro</h3>
                                <p>Ancient Easter tradition featuring
the explosion of a decorated cart in front of the Duomo, dating back
350 years.</p>
                                <div class="event-details">
                                    <span
class="event-type">Traditional Ceremony</span>
                                    <span
class="event-location">Piazza del Duomo</span>
                                </div>
```

```
                            </div>
                        </div>
                    </div>

                    <!-- Added 6th event card for Christmas Markets
-->
                    <div class="col-lg-4 col-md-6" data-aos="fade-up"
data-aos-delay="600">
                        <div class="event-card" tabindex="0"
role="button">
                            <img
src="images/events/christmas-market.jpg" "height=200&width=400"
alt="Christmas Markets" class="card-image">
                            <div class="card-content">
                                <div
class="event-date">December</div>
                                <h3 class="card-title">Christmas
Markets</h3>
                                <p>Festive holiday markets throughout
the city featuring local crafts, traditional foods, and seasonal
celebrations.</p>
                                <div class="event-details">
                                    <span class="event-type">Holiday
Market</span>
                                    <span
class="event-location">Various Locations</span>
                                </div>
                            </div>
                        </div>
                    </div>
                </div>
            </div>
        </section>

        <!-- Contact Section -->
        <section id="contact" class="section-padding">
            <div class="container">
                <div class="row">
                    <div class="col-lg-12 text-center mb-5">
                        <h2 class="section-title"
data-aos="fade-up">Contact Us</h2>
                        <p class="section-subtitle"
```

```
data-aos="fade-up" data-aos-delay="100">
                            Plan your perfect Florence experience
with our local experts
                        </p>
                    </div>
                </div>

                <div class="row">
                    <div class="col-lg-8" data-aos="fade-up"
data-aos-delay="100">
                        <form class="contact-form">
                            <div class="row">
                                <div class="col-md-6 mb-3">
                                    <input type="text"
class="form-control" placeholder="Your Name" required>
                                </div>
                                <div class="col-md-6 mb-3">
                                    <input type="email"
class="form-control" placeholder="Your Email" required>
                                </div>
                            </div>
                            <div class="mb-3">
                                <textarea class="form-control"
rows="5" placeholder="Your Message" required></textarea>
                            </div>
                            <button type="submit" class="btn
btn-primary">Send Message</button>
                        </form>
                    </div>

                    <div class="col-lg-4" data-aos="fade-up"
data-aos-delay="200">
                        <div class="contact-info">
                            <h3>Florence Travel Guide</h3>
                            <div class="contact-item">
                                <h4>Local Tour Operator</h4>
                                <p>Discover Florence Tours<br>
                                Via dei Calzaiuoli, 15<br>
                                50122 Florence, Italy</p>
                            </div>
                            <div class="contact-item">
                                <h4>Contact Information</h4>
```

```
                                <p>Phone: +39 055 123 4567<br>
                                Email: info@discoverflorence.com<br>
                                Hours: 9:00 AM - 7:00 PM</p>
                            </div>
                            <div class="contact-item">
                                <h4>Hotel Recommendations</h4>
                                <p>Hotel Davanzati<br>
                                Villa San Michele<br>
                                Four Seasons Hotel Firenze</p>
                            </div>
                        </div>
                    </div>
                </div>
            </div>
        </section>
    </main>

    <!-- Footer -->
    <footer class="footer">
        <div class="container">
            <div class="row align-items-center">
                <div class="col-md-6">
                    <p class="footer-text">&copy; 2025 Florence
Travel Guide. All rights reserved.</p>
                </div>
                <div class="col-md-6">
                    <ul class="footer-links">
                        <li><a
href="#attractions">Attractions</a></li>
                        <li><a
href="#restaurants">Restaurants</a></li>
                        <li><a href="#things-to-do">Things to
Do</a></li>
                        <li><a href="#events">Events</a></li>
                        <!-- Added Gallery link to footer navigation
-->
                        <li><a href="#gallery">Gallery</a></li>
                        <li><a href="#contact">Contact</a></li>
                    </ul>
                </div>
            </div>
        </div>
```

```
    </footer>

    <!-- Back to Top Button -->
    <button id="backToTop" class="back-to-top">
        <i class="arrow-up">↑</i>
    </button>

    <!-- Bootstrap JS -->
    <script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/js/bootstrap.b
undle.min.js"></script>

    <!-- AOS Animation JS -->
    <script src="https://unpkg.com/aos@2.3.1/dist/aos.js"></script>

    <!-- Google Maps API -->
    <script
src="https://maps.googleapis.com/maps/api/js?key=YOUR_API_KEY&callbac
k=initMap" async defer></script>

    <!-- Custom JS -->
    <script src="js/script.js"></script>
</body>
</html>
```

styles.css

```
/* Renaissance Warmth Color Palette */
:root {
  --terracotta: #c06014;
  --golden-beige: #e6b325;
  --warm-cream: #faf3e3;
  --dark-brown: #3a2d2d;
  --light-gray: #f8f9fa;
  --white: #ffffff;
  --black: #000000;

  /* Typography */
  --font-heading: "Playfair Display", serif;
  --font-body: "Poppins", sans-serif;

  /* Spacing */
  --section-padding: 100px 0;
  --container-padding: 0 15px;

  /* Transitions */
  --transition-smooth: all 0.3s ease;
  --transition-slow: all 0.6s ease;
}

/* Global Styles */
* {
  margin: 0;
  padding: 0;
  box-sizing: border-box;
}

html {
  scroll-behavior: smooth;
  scroll-padding-top: 80px;
}

body {
  font-family: var(--font-body);
  font-weight: 400;
  line-height: 1.6;
  color: var(--dark-brown);
```

```
  background-color: var(--white);
  overflow-x: hidden;
}

/* Typography */
h1,
h2,
h3,
h4,
h5,
h6 {
  font-family: var(--font-heading);
  font-weight: 600;
  line-height: 1.2;
  margin-bottom: 1rem;
}

h1 {
  font-size: 3.5rem;
}
h2 {
  font-size: 2.5rem;
}
h3 {
  font-size: 1.8rem;
}
h4 {
  font-size: 1.4rem;
}
h5 {
  font-size: 1.2rem;
}
h6 {
  font-size: 1rem;
}

p {
  margin-bottom: 1rem;
  font-size: 1.1rem;
  line-height: 1.6;
}
```

```
/* Utility Classes */
.section-padding {
  padding: var(--section-padding);
}

.text-balance {
  text-wrap: balance;
}
.text-pretty {
  text-wrap: pretty;
}

/* Preloader */
#preloader {
  position: fixed;
  top: 0;
  left: 0;
  width: 100%;
  height: 100%;
  background: linear-gradient(135deg, var(--warm-cream) 0%,
var(--golden-beige) 100%);
  display: flex;
  justify-content: center;
  align-items: center;
  z-index: 9999;
  transition: opacity 0.5s ease, visibility 0.5s ease;
}
#preloader.fade-out {
  opacity: 0;
  visibility: hidden;
}

.preloader-content {
  text-align: center;
}

.florence-skyline {
  display: flex;
  align-items: flex-end;
  justify-content: center;
  height: 100px;
  margin-bottom: 20px;
```

```
}
.building {
  background: var(--terracotta);
  margin: 0 2px;
  animation: buildingGrow 2s ease-in-out infinite alternate;
}
.building-1 {
  width: 20px;
  height: 60px;
  animation-delay: 0s;
}
.building-2 {
  width: 25px;
  height: 80px;
  animation-delay: 0.2s;
}
.building-3 {
  width: 30px;
  height: 100px;
  animation-delay: 0.4s;
}
.building-4 {
  width: 22px;
  height: 70px;
  animation-delay: 0.6s;
}
.building-5 {
  width: 18px;
  height: 50px;
  animation-delay: 0.8s;
}

@keyframes buildingGrow {
  0% {
    transform: scaleY(0.3);
  }
  100% {
    transform: scaleY(1);
  }
}

.loading-text {
```

```
  font-family: var(--font-heading);
  font-size: 1.2rem;
  color: var(--dark-brown);
  animation: fadeInOut 2s ease-in-out infinite;
}
@keyframes fadeInOut {
  0%,
  100% {
    opacity: 0.5;
  }
  50% {
    opacity: 1;
  }
}

/* Navigation */
.navbar {
  background: transparent;
  padding: 1rem 0;
  transition: var(--transition-smooth);
}
.navbar.scrolled {
  background: rgba(250, 243, 227, 0.95);
  backdrop-filter: blur(10px);
  box-shadow: 0 2px 20px rgba(0, 0, 0, 0.1);
}
.navbar-brand {
  font-family: var(--font-heading);
  font-size: 2rem;
  font-weight: 700;
  color: var(--terracotta) !important;
  text-decoration: none;
}
.navbar-nav .nav-link {
  font-family: var(--font-body);
  font-weight: 500;
  color: var(--dark-brown) !important;
  margin: 0 1rem;
  padding: 0.5rem 0 !important;
  position: relative;
  transition: var(--transition-smooth);
  display: flex !important;
```

```
  align-items: center;
  gap: 0.5rem;
}
.nav-icon {
  font-size: 1.2rem;
  transition: var(--transition-smooth);
}
.navbar-nav .nav-link:hover {
  color: var(--terracotta) !important;
}
.navbar-nav .nav-link:hover .nav-icon {
  transform: scale(1.1);
}
.navbar-nav .nav-link::after {
  content: "";
  position: absolute;
  bottom: 0;
  left: 0;
  width: 0;
  height: 2px;
  background: var(--terracotta);
  transition: var(--transition-smooth);
}
.navbar-nav .nav-link:hover::after {
  width: 100%;
}
.navbar-toggler {
  border: none;
  padding: 0;
}
.navbar-toggler:focus {
  box-shadow: none;
}
.navbar-toggler-icon {
  background-image: url("data:image/svg+xml,%3csvg
xmlns='http://www.w3.org/2000/svg' viewBox='0 0 30 30'%3e%3cpath
stroke='%23C06014' stroke-linecap='round' stroke-miterlimit='10'
stroke-width='2' d='m4 7h22M4 15h22M4 23h22'/%3e%3c/svg%3e");
}

/* Hero Section */
.hero-section {
```

```
  height: 100vh;
  position: relative;
  display: flex;
  align-items: center;
  justify-content: center;
  overflow: hidden;
}
.hero-background {
  position: absolute;
  top: 0;
  left: 0;
  width: 100%;
  height: 100%;
  background: linear-gradient(135deg, var(--terracotta) 0%,
var(--golden-beige) 50%, var(--warm-cream) 100%);
  background-size: cover;
  background-position: center;
  background-attachment: fixed;
}
.hero-background::before {
  content: "";
  position: absolute;
  top: 0;
  left: 0;
  width: 100%;
  height: 100%;
  background: url("images/florence-hero.jpg""height=1080&width=1920")
center / cover;
  opacity: 0.6;
}
.hero-overlay {
  position: absolute;
  top: 0;
  left: 0;
  width: 100%;
  height: 100%;
  background: rgba(58, 45, 45, 0.4);
  z-index: 1;
}
.hero-content {
  position: relative;
  z-index: 2;
```

```
  text-align: center;
  color: var(--white);
}

.hero-title {
  font-family: var(--font-heading);
  font-size: 4.5rem;
  font-weight: 700;
  margin-bottom: 1.5rem;
  text-shadow: 2px 2px 4px rgba(0, 0, 0, 0.3);
}
.title-line {
  display: block;
  font-size: 5.5rem;
  margin-bottom: 0.5rem;
}
.title-subtitle {
  display: block;
  font-size: 2.2rem;
  font-weight: 400;
  font-style: italic;
  opacity: 0.9;
}
.hero-description {
  font-size: 1.3rem;
  margin-bottom: 2.5rem;
  max-width: 600px;
  margin-left: auto;
  margin-right: auto;
  opacity: 0.9;
  text-shadow: 1px 1px 2px rgba(0, 0, 0, 0.3);
}

.btn-explore {
  background: var(--terracotta);
  color: var(--white);
  border: none;
  padding: 1rem 2.5rem;
  font-size: 1.2rem;
  font-weight: 600;
  border-radius: 50px;
  text-decoration: none;
```

```
  display: inline-block;
  transition: var(--transition-smooth);
  box-shadow: 0 4px 15px rgba(192, 96, 20, 0.3);
}
.btn-explore:hover {
  background: var(--golden-beige);
  color: var(--dark-brown);
  transform: translateY(-2px);
  box-shadow: 0 6px 20px rgba(192, 96, 20, 0.4);
}

/* Section Titles */
.section-title {
  font-family: var(--font-heading);
  font-size: 2.8rem;
  font-weight: 600;
  color: var(--dark-brown);
  margin-bottom: 1rem;
  text-align: center;
}
.section-title::after {
  content: "";
  display: block;
  width: 60px;
  height: 3px;
  background: var(--terracotta);
  margin: 1rem auto;
  border-radius: 2px;
}
.section-subtitle {
  font-size: 1.2rem;
  color: var(--dark-brown);
  opacity: 0.8;
  text-align: center;
  max-width: 600px;
  margin: 0 auto 3rem;
}

/* Cards: attraction, restaurant, activity, event */
.attraction-card,
.restaurant-card,
.activity-card,
```

```
.event-card {
  height: 350px;
  perspective: 1000px;
  margin-bottom: 2rem;
  width: 100%;
}
.card-inner {
  position: relative;
  width: 100%;
  height: 100%;
  text-align: center;
  transition: transform 0.6s;
  transform-style: preserve-3d;
  cursor: pointer;
  will-change: transform;
}
.attraction-card:hover .card-inner,
.restaurant-card:hover .card-inner {
  transform: rotateY(180deg);
}
.card-front,
.card-back {
  position: absolute;
  width: 100%;
  height: 100%;
  backface-visibility: hidden;
  border-radius: 15px;
  overflow: hidden;
  box-shadow: 0 10px 30px rgba(0, 0, 0, 0.1);
  transition: var(--transition-smooth);
}
.card-front {
  background: var(--white);
}
.card-back {
  background: var(--warm-cream);
  transform: rotateY(180deg);
  padding: 2rem;
  display: flex;
  flex-direction: column;
  justify-content: center;
}
```

```
.card-image {
  width: 100%;
  height: 100%;
  object-fit: cover;
  transition: var(--transition-smooth);
}
.card-overlay {
  position: absolute;
  bottom: 0;
  left: 0;
  right: 0;
  background: linear-gradient(transparent, rgba(0, 0, 0, 0.8));
  color: var(--white);
  padding: 2rem;
  text-align: left;
}
.card-title {
  font-family: var(--font-heading);
  font-size: 1.5rem;
  font-weight: 600;
  margin-bottom: 0.5rem;
}
.card-info {
  display: flex;
  justify-content: space-between;
  align-items: center;
  margin-top: 0.5rem;
}
.cuisine,
.rating {
  font-size: 0.9rem;
  opacity: 0.9;
}
.card-back-content {
  text-align: center;
}
.card-back-content h3 {
  color: var(--terracotta);
  margin-bottom: 1rem;
}
.card-back-content p {
  color: var(--dark-brown);
```

```
  margin-bottom: 1rem;
}
.cuisine-type {
  font-weight: 600;
  color: var(--golden-beige);
  font-size: 1rem;
  margin-bottom: 0.5rem !important;
}
.restaurant-details {
  margin-top: 1rem;
  text-align: left;
}
.restaurant-details p {
  margin-bottom: 0.5rem;
  font-size: 0.9rem;
}
.mini-carousel {
  display: flex;
  gap: 0.5rem;
  justify-content: center;
  margin-top: 1rem;
}
.mini-carousel img {
  width: 60px;
  height: 40px;
  object-fit: cover;
  border-radius: 5px;
}

/* Activity Cards */
.activity-card {
  background: var(--white);
  border-radius: 15px;
  overflow: hidden;
  box-shadow: 0 10px 30px rgba(0, 0, 0, 0.1);
  transition: var(--transition-smooth);
  height: 100%;
}
.activity-card:hover {
  transform: translateY(-10px);
  box-shadow: 0 20px 40px rgba(0, 0, 0, 0.15);
}
```

```
.activity-card .card-image {
  width: 100%;
  height: 200px;
  object-fit: cover;
}
.activity-card .card-content {
  padding: 1.5rem;
}
.activity-card .card-title {
  color: var(--terracotta);
  margin-bottom: 1rem;
}

/* Event Cards */
.event-card {
  height: 350px;
  perspective: 1000px;
  margin-bottom: 2rem;
  width: 100%;
}

.event-card .card-inner {
  position: relative;
  width: 100%;
  height: 100%;
  text-align: center;
  transition: transform 0.6s;
  transform-style: preserve-3d;
  cursor: pointer;
  will-change: transform;
}

.event-card:hover .card-inner {
  transform: rotateY(180deg);
}

.event-card .card-front,
.event-card .card-back {
  position: absolute;
  width: 100%;
  height: 100%;
  backface-visibility: hidden;
```

```
  border-radius: 15px;
  overflow: hidden;
  box-shadow: 0 10px 30px rgba(0, 0, 0, 0.1);
  transition: var(--transition-smooth);
}

.event-card .card-front {
  background: var(--white);
}

.event-card .card-back {
  background: var(--warm-cream);
  transform: rotateY(180deg);
  padding: 2rem;
  display: flex;
  flex-direction: column;
  justify-content: center;
}

.event-card .card-image {
  width: 100%;
  height: 100%;
  object-fit: cover;
  transition: var(--transition-smooth);
}

.event-card .card-overlay {
  position: absolute;
  bottom: 0;
  left: 0;
  right: 0;
  background: linear-gradient(transparent, rgba(0, 0, 0, 0.8));
  color: var(--white);
  padding: 2rem;
  text-align: left;
}

.event-card .card-title {
  font-family: var(--font-heading);
  font-size: 1.5rem;
  font-weight: 600;
  margin-bottom: 0.5rem;
```

```
}

.event-card .card-info {
  display: flex;
  justify-content: space-between;
  align-items: center;
  margin-top: 0.5rem;
}

.event-month {
  font-size: 0.9rem;
  opacity: 0.9;
  background: var(--terracotta);
  color: var(--white);
  padding: 0.3rem 0.8rem;
  border-radius: 15px;
  font-weight: 600;
}

.event-type {
  font-size: 0.9rem;
  opacity: 0.9;
  background: var(--golden-beige);
  color: var(--dark-brown);
  padding: 0.3rem 0.8rem;
  border-radius: 15px;
  font-weight: 500;
}

.event-card .card-back-content {
  text-align: center;
}

.event-card .card-back-content h3 {
  color: var(--terracotta);
  margin-bottom: 1rem;
}

.event-card .card-back-content p {
  color: var(--dark-brown);
  margin-bottom: 1rem;
}
```

```
.event-month-detail {
  font-weight: 600;
  color: var(--golden-beige);
  font-size: 1rem;
  margin-bottom: 0.5rem !important;
}

.event-card .event-details {
  display: flex;
  justify-content: space-between;
  margin-top: 1rem;
  text-align: left;
}

.event-card .event-details span {
  font-size: 0.9rem;
  margin-bottom: 0.5rem;
}

.event-location {
  color: var(--terracotta);
  font-weight: 500;
}

.event-duration {
  background: var(--golden-beige);
  color: var(--dark-brown);
  padding: 0.3rem 0.8rem;
  border-radius: 15px;
  font-weight: 500;
}

/* Contact Section */
#contact {
  background: var(--white);
}

#contact .container {
  background: var(--warm-cream);
  padding: 3rem;
  border-radius: 20px;
```

```
  box-shadow: 0 10px 30px rgba(0, 0, 0, 0.1);
  margin-top: 2rem;
  margin-bottom: 2rem;
}

.contact-form {
  background: var(--white);
  padding: 2rem;
  border-radius: 15px;
  box-shadow: 0 5px 15px rgba(0, 0, 0, 0.05);
}

.contact-info {
  background: var(--white);
  padding: 2rem;
  border-radius: 15px;
  box-shadow: 0 5px 15px rgba(0, 0, 0, 0.05);
  height: 100%;
}

.contact-info h3 {
  color: var(--terracotta);
  margin-bottom: 1.5rem;
  font-size: 1.8rem;
}

.contact-item {
  margin-bottom: 2rem;
}

.contact-item h4 {
  color: var(--dark-brown);
  font-size: 1.2rem;
  margin-bottom: 0.5rem;
}

.contact-item p {
  color: var(--dark-brown);
  opacity: 0.8;
  line-height: 1.6;
}
```

```
.contact-form .form-control {
  border: 2px solid rgba(192, 96, 20, 0.1);
  border-radius: 10px;
  padding: 1rem;
  font-size: 1rem;
  transition: var(--transition-smooth);
}

.contact-form .form-control:focus {
  border-color: var(--terracotta);
  box-shadow: 0 0 0 0.2rem rgba(192, 96, 20, 0.25);
}

.contact-form .btn-primary {
  background: var(--terracotta);
  border: none;
  padding: 1rem 2rem;
  border-radius: 10px;
  font-weight: 600;
  transition: var(--transition-smooth);
}

.contact-form .btn-primary:hover {
  background: var(--golden-beige);
  color: var(--dark-brown);
  transform: translateY(-2px);
}

/* Footer */
.footer {
  background: var(--dark-brown);
  color: var(--white);
  padding: 2rem 0;
}

.footer-text {
  margin: 0;
  opacity: 0.8;
}

.footer-links {
  list-style: none;
```

```
  display: flex;
  justify-content: flex-end;
  margin: 0;
  padding: 0;
}

.footer-links li {
  margin-left: 2rem;
}

.footer-links a {
  color: var(--white);
  text-decoration: none;
  opacity: 0.8;
  transition: var(--transition-smooth);
}

.footer-links a:hover {
  opacity: 1;
  color: var(--golden-beige);
}

/* Back to Top Button */
.back-to-top {
  position: fixed;
  bottom: 30px;
  right: 30px;
  width: 50px;
  height: 50px;
  background: var(--terracotta);
  color: var(--white);
  border: none;
  border-radius: 50%;
  font-size: 1.2rem;
  cursor: pointer;
  opacity: 0;
  visibility: hidden;
  transition: var(--transition-smooth);
  z-index: 1000;
  display: flex;
  align-items: center;
  justify-content: center;
```

```
}

.back-to-top.show {
  opacity: 1;
  visibility: visible;
}

.back-to-top:hover {
  background: var(--golden-beige);
  color: var(--dark-brown);
  transform: translateY(-3px);
}

/* Mini Image Carousel Section */
.mini-carousel-wrapper {
  position: relative;
  max-width: 100%;
  margin: 0 auto;
  border-radius: 20px;
  overflow: hidden;
  box-shadow: 0 10px 30px rgba(192, 96, 20, 0.15);
  background: var(--warm-cream);
  padding: 20px;
}

/* Carousel Track - Container for all slides */
.mini-carousel-track {
  display: flex;
  width: calc(300px * 12); /* 8 original + 4 duplicates for seamless
loop */
  animation: carouselScroll 36s linear infinite; /* Slowed down from
24s to 36s for slower scrolling */
  will-change: transform;
}

/* Individual slide styling */
.mini-carousel-slide {
  flex: 0 0 300px; /* Fixed width for each slide */
  height: 250px; /* Increased height from 200px to 250px */
  margin-right: 20px;
  border-radius: 15px;
  overflow: hidden;
```

```
  box-shadow: 0 5px 15px rgba(0, 0, 0, 0.1);
  transition: transform 0.3s ease;
}

.mini-carousel-slide:last-child {
  margin-right: 0;
}

.mini-carousel-slide img {
  width: 100%;
  height: 100%;
  object-fit: cover;
  transition: transform 0.3s ease;
}

/* Hover effects */
.mini-carousel-wrapper:hover .mini-carousel-track {
  animation-play-state: paused; /* Pause animation on hover */
}

.mini-carousel-slide:hover {
  transform: scale(1.05);
  z-index: 2;
}

.mini-carousel-slide:hover img {
  transform: scale(1.1);
}

/* Keyframe animation for continuous scrolling */
@keyframes carouselScroll {
  0% {
    transform: translateX(0);
  }
  100% {
    transform: translateX(calc(-300px * 8 - 20px * 8)); /* Move by 8
slides + gaps */
  }
}

/* Responsive Design for Mini Carousel */
@media (max-width: 1200px) {
```

```
  .mini-carousel-track {
    width: calc(280px * 12);
    animation: carouselScroll 36s linear infinite; /* Updated
responsive animation duration */
  }

  .mini-carousel-slide {
    flex: 0 0 280px;
    height: 230px; /* Increased responsive height */
  }

  @keyframes carouselScroll {
    0% {
      transform: translateX(0);
    }
    100% {
      transform: translateX(calc(-280px * 8 - 20px * 8)); /* Move by
8 slides + gaps */
    }
  }
}

@media (max-width: 992px) {
  .mini-carousel-track {
    width: calc(250px * 12);
    animation: carouselScroll 32s linear infinite; /* Adjusted for
medium screens */
  }

  .mini-carousel-slide {
    flex: 0 0 250px;
    height: 200px; /* Increased responsive height */
    margin-right: 15px;
  }

  .mini-carousel-wrapper {
    padding: 15px;
  }

  @keyframes carouselScroll {
    0% {
      transform: translateX(0);
```

```
    }
    100% {
      transform: translateX(calc(-250px * 8 - 15px * 8));
    }
  }
}

@media (max-width: 768px) {
  .mini-carousel-section {
    padding: 40px 0;
  }

  .mini-carousel-track {
    width: calc(220px * 12);
    animation-duration: 28s; /* Adjusted mobile animation duration */
  }

  .mini-carousel-slide {
    flex: 0 0 220px;
    height: 180px; /* Increased mobile height */
    margin-right: 12px;
  }

  .mini-carousel-wrapper {
    padding: 12px;
    border-radius: 15px;
  }

  .mini-carousel-dots {
    gap: 8px;
    margin-top: 15px;
  }

  .mini-carousel-dot {
    width: 10px;
    height: 10px;
  }

  @keyframes carouselScroll {
    0% {
      transform: translateX(0);
    }
```

```
    100% {
      transform: translateX(calc(-220px * 8 - 12px * 8));
    }
  }
}

@media (max-width: 576px) {
  .mini-carousel-track {
    width: calc(180px * 12);
    animation-duration: 24s; /* Adjusted small mobile animation
duration */
  }

  .mini-carousel-slide {
    flex: 0 0 180px;
    height: 160px; /* Increased small mobile height */
    margin-right: 10px;
  }

  .mini-carousel-wrapper {
    padding: 10px;
  }

  .mini-carousel-dots {
    gap: 6px;
    margin-top: 12px;
  }

  .mini-carousel-dot {
    width: 8px;
    height: 8px;
  }

  @keyframes carouselScroll {
    0% {
      transform: translateX(0);
    }
    100% {
      transform: translateX(calc(-180px * 8 - 10px * 8));
    }
  }
}
```

```
/* Accessibility improvements for mini carousel */
@media (prefers-reduced-motion: reduce) {
  .mini-carousel-track {
    animation: none;
  }

  .mini-carousel-slide:hover {
    transform: none;
  }

  .mini-carousel-slide:hover img {
    transform: none;
  }
}

/* Focus styles for carousel dots */
.mini-carousel-dot:focus {
  outline: 2px solid var(--terracotta);
  outline-offset: 2px;
}

/* Performance optimizations */
.mini-carousel-track {
  will-change: transform;
  backface-visibility: hidden;
  perspective: 1000px;
}

.mini-carousel-slide img {
  will-change: transform;
  backface-visibility: hidden;
}

/* High DPI display support */
@media (-webkit-min-device-pixel-ratio: 2), (min-resolution: 192dpi)
{
  .mini-carousel-slide img {
    image-rendering: -webkit-optimize-contrast;
    image-rendering: crisp-edges;
  }
}
```

```
/* Responsive Design */
@media (max-width: 992px) {
  .hero-section {
    height: 80vh;
  }

  .hero-title {
    font-size: 3.5rem;
  }

  .title-line {
    font-size: 4rem;
  }

  .title-subtitle {
    font-size: 1.8rem;
  }

  .section-padding {
    padding: 80px 0;
  }

  .attraction-card,
  .restaurant-card {
    height: 320px;
  }

  .card-back {
    padding: 1.5rem;
  }

  .mini-carousel img {
    width: 50px;
    height: 35px;
  }
}

@media (max-width: 768px) {
  .hero-section {
    height: 70vh;
  }
```

```
.hero-title {
  font-size: 3rem;
}

.title-line {
  font-size: 3.5rem;
}

.title-subtitle {
  font-size: 1.5rem;
}

.hero-description {
  font-size: 1.1rem;
  padding: 0 1rem;
}

.section-title {
  font-size: 2.2rem;
}

.section-subtitle {
  font-size: 1.1rem;
  padding: 0 1rem;
}

.navbar-nav .nav-link {
  margin: 0.5rem 0;
  text-align: center;
}

.navbar-collapse {
  background: rgba(250, 243, 227, 0.98);
  margin-top: 1rem;
  border-radius: 10px;
  padding: 1rem;
}

.footer-links {
  justify-content: center;
  margin-top: 1rem;
```

```
    flex-wrap: wrap;
  }

  .footer-links li {
    margin: 0.5rem 1rem;
  }

  .contact-info {
    margin-top: 2rem;
  }

  .attraction-card,
  .restaurant-card {
    height: 300px;
    margin-bottom: 1.5rem;
  }

  .event-card {
    margin-bottom: 1.5rem;
  }

  .activity-card {
    margin-bottom: 1.5rem;
  }

  .google-map {
    height: 300px;
  }

  .back-to-top {
    bottom: 20px;
    right: 20px;
    width: 45px;
    height: 45px;
  }
}

@media (max-width: 576px) {
  .hero-section {
    height: 60vh;
  }
```

```
.hero-title {
  font-size: 2.5rem;
}

.title-line {
  font-size: 3rem;
}

.title-subtitle {
  font-size: 1.3rem;
}

.hero-description {
  font-size: 1rem;
  padding: 0 1.5rem;
}

.btn-explore {
  padding: 0.8rem 2rem;
  font-size: 1.1rem;
}

.section-padding {
  padding: 60px 0;
}

.section-title {
  font-size: 2rem;
}

.section-subtitle {
  font-size: 1rem;
  padding: 0 1.5rem;
}

.card-back {
  padding: 1.5rem;
}

.card-back-content h3 {
  font-size: 1.3rem;
}
```

```
  .card-back-content p {
    font-size: 0.9rem;
  }

  .contact-form,
  .contact-info {
    padding: 1.5rem;
  }

  .map-container {
    padding: 1.5rem;
  }

  .google-map {
    height: 250px;
  }

  .mini-carousel {
    gap: 0.3rem;
  }

  .mini-carousel img {
    width: 45px;
    height: 30px;
  }

  .event-details {
    flex-direction: column;
    gap: 0.5rem;
    align-items: flex-start;
  }

  .back-to-top {
    bottom: 15px;
    right: 15px;
    width: 40px;
    height: 40px;
    font-size: 1rem;
  }
}
```

```
@media (max-width: 480px) {
  .hero-title {
    font-size: 2.2rem;
  }

  .title-line {
    font-size: 2.5rem;
  }

  .title-subtitle {
    font-size: 1.2rem;
  }

  .section-title {
    font-size: 1.8rem;
  }

  .attraction-card,
  .restaurant-card {
    height: 280px;
  }

  .card-title {
    font-size: 1.3rem;
  }

  .contact-form .form-control {
    padding: 0.8rem;
  }

  .contact-form .btn-primary {
    padding: 0.8rem 1.5rem;
  }
}

/* High DPI displays */
@media (-webkit-min-device-pixel-ratio: 2), (min-resolution: 192dpi)
{
  .card-image,
  .hero-background::before {
    image-rendering: -webkit-optimize-contrast;
    image-rendering: crisp-edges;
```

```
  }
}

/* Landscape orientation on mobile */
@media (max-height: 500px) and (orientation: landscape) {
  .hero-section {
    height: 100vh;
  }

  .hero-title {
    font-size: 2.5rem;
  }

  .title-line {
    font-size: 3rem;
  }

  .title-subtitle {
    font-size: 1.2rem;
  }

  .hero-description {
    font-size: 1rem;
    margin-bottom: 1.5rem;
  }

  .btn-explore {
    padding: 0.7rem 2rem;
  }
}

/* Print styles */
@media print {
  .navbar,
  .back-to-top,
  #preloader,
  .btn-explore {
    display: none !important;
  }

  .hero-section {
    height: auto;
```

```
    padding: 2rem 0;
  }

  .section-padding {
    padding: 1rem 0;
  }

  .card-inner {
    transform: none !important;
  }

  .card-back {
    display: none;
  }

  body {
    font-size: 12pt;
    line-height: 1.4;
  }

  h1,
  h2,
  h3,
  h4,
  h5,
  h6 {
    page-break-after: avoid;
  }

  .attraction-card,
  .restaurant-card,
  .activity-card,
  .event-card {
    page-break-inside: avoid;
    margin-bottom: 1rem;
  }
}

/* Reduced motion preferences */
@media (prefers-reduced-motion: reduce) {
  *,
  *::before,
```

```
  *::after {
    animation-duration: 0.01ms !important;
    animation-iteration-count: 1 !important;
    transition-duration: 0.01ms !important;
    scroll-behavior: auto !important;
  }

  .card-inner {
    transition: none;
  }

  .hero-background {
    background-attachment: scroll;
  }
}

/* Dark mode support */
@media (prefers-color-scheme: dark) {
  :root {
    --white: #1a1a1a;
    --light-gray: #2d2d2d;
    --dark-brown: #e0e0e0;
  }

  body {
    background-color: var(--white);
    color: var(--dark-brown);
  }

  .navbar.scrolled {
    background: rgba(45, 45, 45, 0.95);
  }

  .card-front,
  .activity-card,
  .event-card,
  .contact-form,
  .map-container {
    background: var(--light-gray);
  }

  .card-back,
```

```
  .contact-info {
    background: #3a3a3a;
  }

  .bg-light {
    background: var(--light-gray) !important;
  }
}

/* Focus styles for accessibility */
*:focus {
  outline: 2px solid var(--terracotta);
  outline-offset: 2px;
}

.skip-link:focus {
  top: 6px !important;
}

/* Enhanced card interactions */
.attraction-card:focus,
.restaurant-card:focus,
.activity-card:focus,
.event-card:focus {
  transform: translateY(-5px);
  box-shadow: 0 15px 35px rgba(0, 0, 0, 0.15);
}

/* Loading states */
.loading {
  opacity: 0.6;
  pointer-events: none;
}

.loading::after {
  content: "";
  position: absolute;
  top: 50%;
  left: 50%;
  width: 20px;
  height: 20px;
  margin: -10px 0 0 -10px;
```

```
  border: 2px solid var(--terracotta);
  border-top: 2px solid transparent;
  border-radius: 50%;
  animation: spin 1s linear infinite;
}

@keyframes spin {
  0% {
    transform: rotate(0deg);
  }
  100% {
    transform: rotate(360deg);
  }
}

/* Notification styles */
.notification {
  font-family: var(--font-body);
}

.notification-content {
  display: flex;
  align-items: center;
  justify-content: space-between;
}

.notification-close {
  background: none;
  border: none;
  color: white;
  font-size: 1.5rem;
  cursor: pointer;
  margin-left: 1rem;
  opacity: 0.8;
  transition: opacity 0.2s;
}

.notification-close:hover {
  opacity: 1;
}

/* Smooth scrolling enhancement */
```

```
html {
  scroll-padding-top: 80px;
}

/* Enhanced hover states */
.nav-link,
.btn-explore,
.back-to-top,
.footer-links a {
  will-change: transform, color, background-color;
}

/* Grid improvements for better alignment */
.row.g-4 > * {
  display: flex;
}

.attraction-card,
.restaurant-card,
.activity-card,
.event-card {
  width: 100%;
}

/* Enhanced typography for better readability */
.card-back-content p,
.activity-card p,
.event-card p {
  text-align: left;
  line-height: 1.6;
}

/* Better spacing for mobile cards */
@media (max-width: 768px) {
  .row.g-4 {
    --bs-gutter-y: 2rem;
  }
}

/* Improved form styling */
.contact-form .form-control::placeholder {
  color: rgba(58, 45, 45, 0.6);
```

```
}

.contact-form .form-control:focus::placeholder {
  opacity: 0.5;
}

/* Final polish touches */
.btn-explore:active {
  transform: translateY(-1px);
}

.back-to-top:active {
  transform: translateY(-1px);
}

/* Enhanced card shadows */
.attraction-card:hover,
.restaurant-card:hover {
  box-shadow: 0 20px 40px rgba(192, 96, 20, 0.15);
}

.activity-card:hover,
.event-card:hover {
  box-shadow: 0 20px 40px rgba(0, 0, 0, 0.15);
}
```

script.js

```javascript
// Florence Travel Website JavaScript

// Import necessary libraries
const bootstrap = window.bootstrap // Declare bootstrap variable
const AOS = window.AOS // Declare AOS variable
const google = window.google // Declare google variable

// DOM Content Loaded
document.addEventListener("DOMContentLoaded", () => {
  // Initialize all functionality
  initPreloader()
  initNavbar()
  initSmoothScroll()
  initBackToTop()
  initCardFlips()
  initContactForm()
  initAOS()
  initGoogleMap()
  initActivityCardEffects()
  initParallax()
  initLazyLoading()
  optimizePerformance()
  initAccessibility()
  initMiniImageCarousel()
})

// Preloader functionality
function initPreloader() {
  const preloader = document.getElementById("preloader")

  // Hide preloader after page load
  window.addEventListener("load", () => {
    setTimeout(() => {
      preloader.classList.add("fade-out")
      setTimeout(() => {
        preloader.style.display = "none"
      }, 500)
    }, 1500) // Show preloader for at least 1.5 seconds
  })
}
```

```
// Navigation functionality
function initNavbar() {
  const navbar = document.getElementById("mainNav")
  const navLinks = document.querySelectorAll(".navbar-nav .nav-link")

  // Navbar scroll effect
  window.addEventListener("scroll", () => {
    if (window.scrollY > 100) {
      navbar.classList.add("scrolled")
    } else {
      navbar.classList.remove("scrolled")
    }
  })

  // Active link highlighting
  window.addEventListener("scroll", () => {
    let current = ""
    const sections = document.querySelectorAll("section[id]")

    sections.forEach((section) => {
      const sectionTop = section.offsetTop
      const sectionHeight = section.clientHeight
      if (scrollY >= sectionTop - 200) {
        current = section.getAttribute("id")
      }
    })

    navLinks.forEach((link) => {
      link.classList.remove("active")
      if (link.getAttribute("href") === "#" + current) {
        link.classList.add("active")
      }
    })
  })

  // Mobile menu close on link click
  navLinks.forEach((link) => {
    link.addEventListener("click", () => {
      const navbarCollapse =
document.querySelector(".navbar-collapse")
      if (navbarCollapse.classList.contains("show")) {
```

```
        const bsCollapse = new bootstrap.Collapse(navbarCollapse)
        bsCollapse.hide()
      }
    })
  })
}

// Smooth scroll functionality
function initSmoothScroll() {
  const links = document.querySelectorAll('a[href^="#"]')

  links.forEach((link) => {
    link.addEventListener("click", function (e) {
      e.preventDefault()

      const targetId = this.getAttribute("href")
      const targetSection = document.querySelector(targetId)

      if (targetSection) {
        const offsetTop = targetSection.offsetTop - 80 // Account for
fixed navbar

        window.scrollTo({
          top: offsetTop,
          behavior: "smooth",
        })
      }
    })
  })
}

// Back to top button
function initBackToTop() {
  const backToTopBtn = document.getElementById("backToTop")

  // Show/hide button based on scroll position
  window.addEventListener("scroll", () => {
    if (window.scrollY > 300) {
      backToTopBtn.classList.add("show")
    } else {
      backToTopBtn.classList.remove("show")
    }
```

```
  })

  // Scroll to top on click
  backToTopBtn.addEventListener("click", () => {
    window.scrollTo({
      top: 0,
      behavior: "smooth",
    })
  })
}

// Card flip functionality
function initCardFlips() {
  const attractionCards =
document.querySelectorAll(".attraction-card")
  const restaurantCards =
document.querySelectorAll(".restaurant-card")

  // Add click event to attraction cards
  attractionCards.forEach((card) => {
    card.addEventListener("click", function () {
      const cardInner = this.querySelector(".card-inner")
      cardInner.style.transform = cardInner.style.transform ===
"rotateY(180deg)" ? "rotateY(0deg)" : "rotateY(180deg)"
    })

    // Reset on mouse leave
    card.addEventListener("mouseleave", function () {
      setTimeout(() => {
        const cardInner = this.querySelector(".card-inner")
        cardInner.style.transform = "rotateY(0deg)"
      }, 2000)
    })
  })

  // Add click event to restaurant cards
  restaurantCards.forEach((card) => {
    card.addEventListener("click", function () {
      const cardInner = this.querySelector(".card-inner")
      cardInner.style.transform = cardInner.style.transform ===
"rotateY(180deg)" ? "rotateY(0deg)" : "rotateY(180deg)"
    })
```

```
    // Reset on mouse leave
    card.addEventListener("mouseleave", function () {
      setTimeout(() => {
        const cardInner = this.querySelector(".card-inner")
        cardInner.style.transform = "rotateY(0deg)"
      }, 2000)
    })
  })

  // Mini carousel functionality for attraction cards
  initMiniCarousels()
}

// Mini carousel functionality
function initMiniCarousels() {
  const carousels = document.querySelectorAll(".mini-carousel")

  carousels.forEach((carousel) => {
    const images = carousel.querySelectorAll("img")
    let currentIndex = 0

    // Auto-rotate images
    setInterval(() => {
      images[currentIndex].style.opacity = "0.5"
      currentIndex = (currentIndex + 1) % images.length
      images[currentIndex].style.opacity = "1"
    }, 2000)

    // Click to change image
    images.forEach((img, index) => {
      img.addEventListener("click", (e) => {
        e.stopPropagation()
        images[currentIndex].style.opacity = "0.5"
        currentIndex = index
        images[currentIndex].style.opacity = "1"
      })
    })
  })
}

// Contact form functionality
```

```
function initContactForm() {
  const contactForm = document.querySelector(".contact-form")

  if (contactForm) {
    contactForm.addEventListener("submit", function (e) {
      e.preventDefault()

      // Get form data
      const formData = new FormData(this)
      const name = this.querySelector('input[type="text"]').value
      const email = this.querySelector('input[type="email"]').value
      const message = this.querySelector("textarea").value

      // Basic validation
      if (!name || !email || !message) {
        showNotification("Please fill in all fields.", "error")
        return
      }

      if (!isValidEmail(email)) {
        showNotification("Please enter a valid email address.",
"error")
        return
      }

      // Simulate form submission
      const submitBtn = this.querySelector(".btn-primary")
      const originalText = submitBtn.textContent

      submitBtn.textContent = "Sending..."
      submitBtn.disabled = true

      setTimeout(() => {
        showNotification("Thank you for your message! We'll get back
to you soon.", "success")
        this.reset()
        submitBtn.textContent = originalText
        submitBtn.disabled = false
      }, 2000)
    })
  }
}
```

```
// Email validation helper
function isValidEmail(email) {
  const emailRegex = /^[^\s@]+@[^\s@]+\.[^\s@]+$/
  return emailRegex.test(email)
}

// Notification system
function showNotification(message, type = "info") {
  // Remove existing notifications
  const existingNotifications =
document.querySelectorAll(".notification")
  existingNotifications.forEach((notification) =>
notification.remove())

  // Create notification element
  const notification = document.createElement("div")
  notification.className = `notification notification-${type}`
  notification.innerHTML = `
        <div class="notification-content">
            <span class="notification-message">${message}</span>
            <button class="notification-close">&times;</button>
        </div>
    `

  // Add styles
  notification.style.cssText = `
        position: fixed;
        top: 100px;
        right: 20px;
        background: ${type === "success" ? "#4CAF50" : type ===
"error" ? "#f44336" : "#2196F3"};
        color: white;
        padding: 1rem 1.5rem;
        border-radius: 10px;
        box-shadow: 0 4px 12px rgba(0,0,0,0.15);
        z-index: 10000;
        transform: translateX(100%);
        transition: transform 0.3s ease;
        max-width: 300px;
    `
```

```
  // Add to page
  document.body.appendChild(notification)

  // Animate in
  setTimeout(() => {
    notification.style.transform = "translateX(0)"
  }, 100)

  // Close button functionality
  const closeBtn = notification.querySelector(".notification-close")
  closeBtn.addEventListener("click", () => {
    notification.style.transform = "translateX(100%)"
    setTimeout(() => notification.remove(), 300)
  })

  // Auto remove after 5 seconds
  setTimeout(() => {
    if (notification.parentNode) {
      notification.style.transform = "translateX(100%)"
      setTimeout(() => notification.remove(), 300)
    }
  }, 5000)
}

// Initialize AOS (Animate On Scroll)
function initAOS() {
  if (AOS) {
    AOS.init({
      duration: 800,
      easing: "ease-in-out",
      once: true,
      offset: 100,
    })
  }
}

// Google Maps initialization
function initGoogleMap() {
  // This function will be called by the Google Maps API
  window.initMap = () => {
    // Florence coordinates
    const florence = { lat: 43.7696, lng: 11.2558 }
```

```
    // Create map
    const map = new google.maps.Map(document.getElementById("map"), {
      zoom: 13,
      center: florence,
      styles: [
        {
          featureType: "all",
          elementType: "geometry.fill",
          stylers: [{ color: "#faf3e3" }],
        },
        {
          featureType: "water",
          elementType: "geometry.fill",
          stylers: [{ color: "#c06014" }],
        },
        {
          featureType: "road",
          elementType: "geometry.stroke",
          stylers: [{ color: "#e6b325" }],
        },
      ],
    })

    // Attraction locations
    const attractions = [
      {
        name: "Ponte Vecchio",
        position: { lat: 43.7679, lng: 11.253 },
        description: "The iconic medieval bridge spanning the Arno
River",
      },
      {
        name: "Piazzale Michelangelo",
        position: { lat: 43.7629, lng: 11.265 },
        description: "Famous viewpoint with panoramic views of
Florence",
      },
      {
        name: "Boboli Gardens",
        position: { lat: 43.7649, lng: 11.2499 },
        description: "Historic park behind Pitti Palace",
```

```
      },
      {
        name: "Piazza della Signoria",
        position: { lat: 43.7696, lng: 11.2558 },
        description: "The political heart of Florence",
      },
      {
        name: "San Miniato al Monte",
        position: { lat: 43.759, lng: 11.265 },
        description: "Beautiful Romanesque basilica on a hilltop",
      },
    ]

    // Add markers
    attractions.forEach((attraction) => {
      const marker = new google.maps.Marker({
        position: attraction.position,
        map: map,
        title: attraction.name,
        icon: {
          url:
            "data:image/svg+xml;charset=UTF-8," +
            encodeURIComponent(`
                        <svg width="30" height="40" viewBox="0 0 30
40" xmlns="http://www.w3.org/2000/svg">
                            <path d="M15 0C6.7 0 0 6.7 0 15c0 8.3 15
25 15 25s15-16.7 15-25C30 6.7 23.3 0 15 0z" fill="#c06014"/>
                            <circle cx="15" cy="15" r="8"
fill="#faf3e3"/>
                        </svg>
                    `),
          scaledSize: new google.maps.Size(30, 40),
          anchor: new google.maps.Point(15, 40),
        },
      })

      // Info window
      const infoWindow = new google.maps.InfoWindow({
        content: `
                    <div style="padding: 10px; font-family:
'Poppins', sans-serif;">
                        <h4 style="color: #c06014; margin: 0 0 5px 0;
```

```
font-family: 'Playfair Display', serif;">${attraction.name}</h4>
                        <p style="margin: 0; color:
#3a2d2d;">${attraction.description}</p>
                    </div>
                `,
      })

      marker.addListener("click", () => {
        infoWindow.open(map, marker)
      })
    })
  }

  // Fallback if Google Maps fails to load
  setTimeout(() => {
    const mapElement = document.getElementById("map")
    if (mapElement && !google) {
      mapElement.innerHTML = `
                <div style="display: flex; align-items: center;
justify-content: center; height: 100%; background: #f8f9fa;
border-radius: 10px; color: #6c757d;">
                    <div style="text-align: center;">
                        <h4>Map Unavailable</h4>
                        <p>Please add your Google Maps API key to
view the interactive map.</p>
                    </div>
                </div>
            `
    }
  }, 3000)
}

// Activity card hover effects
function initActivityCardEffects() {
  const activityCards = document.querySelectorAll(".activity-card")

  activityCards.forEach((card) => {
    card.addEventListener("mouseenter", function () {
      const image = this.querySelector(".card-image")
      if (image) {
        image.style.transform = "scale(1.1)"
      }
```

```
    })

    card.addEventListener("mouseleave", function () {
      const image = this.querySelector(".card-image")
      if (image) {
        image.style.transform = "scale(1)"
      }
    })
  })
}

// Parallax effect for hero section
function initParallax() {
  const heroSection = document.querySelector(".hero-section")

  if (heroSection) {
    window.addEventListener("scroll", () => {
      const scrolled = window.pageYOffset
      const rate = scrolled * -0.5

      heroSection.style.transform = `translateY(${rate}px)`
    })
  }
}

// Lazy loading for images
function initLazyLoading() {
  const images = document.querySelectorAll("img[data-src]")

  const imageObserver = new IntersectionObserver((entries, observer)
=> {
    entries.forEach((entry) => {
      if (entry.isIntersecting) {
        const img = entry.target
        img.src = img.dataset.src
        img.classList.remove("lazy")
        imageObserver.unobserve(img)
      }
    })
  })

  images.forEach((img) => imageObserver.observe(img))
```

```
}

// Performance optimization
function optimizePerformance() {
  // Debounce scroll events
  let scrollTimeout
  const originalScrollHandler = window.onscroll

  window.onscroll = () => {
    if (scrollTimeout) {
      clearTimeout(scrollTimeout)
    }

    scrollTimeout = setTimeout(() => {
      if (originalScrollHandler) {
        originalScrollHandler()
      }
    }, 16) // ~60fps
  }
}

// Error handling for external resources
window.addEventListener("error", (e) => {
  console.warn("Resource failed to load:", e.target.src ||
e.target.href)

  // Handle image loading errors
  if (e.target.tagName === "IMG") {
    e.target.src =
"/placeholder.svg?height=300&width=400&text=Image+Unavailable"
  }
})

// Accessibility improvements
function initAccessibility() {
  // Add keyboard navigation for cards
  const cards = document.querySelectorAll(".attraction-card,
.restaurant-card, .activity-card")

  cards.forEach((card) => {
    card.setAttribute("tabindex", "0")
    card.setAttribute("role", "button")
```

```
    card.addEventListener("keydown", function (e) {
      if (e.key === "Enter" || e.key === " ") {
        e.preventDefault()
        this.click()
      }
    })
  })

  // Add skip link
  const skipLink = document.createElement("a")
  skipLink.href = "#main-content"
  skipLink.textContent = "Skip to main content"
  skipLink.className = "skip-link"
  skipLink.style.cssText = `
        position: absolute;
        top: -40px;
        left: 6px;
        background: #c06014;
        color: white;
        padding: 8px;
        text-decoration: none;
        border-radius: 4px;
        z-index: 10000;
        transition: top 0.3s;
    `

  skipLink.addEventListener("focus", function () {
    this.style.top = "6px"
  })

  skipLink.addEventListener("blur", function () {
    this.style.top = "-40px"
  })

  document.body.insertBefore(skipLink, document.body.firstChild)
}

// Mini Image Carousel functionality
function initMiniImageCarousel() {
  const carouselWrapper =
document.querySelector(".mini-carousel-wrapper")
```

```
  const carouselTrack =
document.querySelector(".mini-carousel-track")
  const carouselDots =
document.querySelectorAll(".mini-carousel-dot")
  const slides = document.querySelectorAll(".mini-carousel-slide")

  if (!carouselWrapper || !carouselTrack || !carouselDots.length) {
    return // Exit if carousel elements don't exist
  }

  let currentSlide = 0
  let isHovered = false
  let autoScrollInterval
  const totalSlides = 8 // Original slides (excluding duplicates)
  const slideWidth = 300 // Base slide width
  const slideGap = 20 // Gap between slides

  // Calculate responsive slide width based on screen size
  function getSlideWidth() {
    const screenWidth = window.innerWidth
    if (screenWidth <= 576) return 180
    if (screenWidth <= 768) return 220
    if (screenWidth <= 992) return 250
    if (screenWidth <= 1200) return 280
    return 300
  }

  // Update dot indicators
  function updateDots() {
    carouselDots.forEach((dot, index) => {
      dot.classList.toggle("active", index === currentSlide)
    })
  }

  // Get current slide based on scroll position
  function getCurrentSlideFromPosition() {
    const currentWidth = getSlideWidth()
    const transform = carouselTrack.style.transform
    const translateX = transform ?
Number.parseFloat(transform.match(/-?\d+\.?\d*/)) : 0
    const slidePosition = Math.abs(translateX) / (currentWidth +
slideGap)
```

```
    return Math.round(slidePosition) % totalSlides
  }

  // Smooth scroll to specific slide (for dot navigation)
  function scrollToSlide(slideIndex) {
    if (slideIndex < 0 || slideIndex >= totalSlides) return

    const currentWidth = getSlideWidth()
    const targetPosition = -(slideIndex * (currentWidth + slideGap))

    // Temporarily pause auto-scroll
    const wasHovered = isHovered
    isHovered = true

    // Apply smooth transition
    carouselTrack.style.transition = "transform 0.5s ease"
    carouselTrack.style.transform = `translateX(${targetPosition}px)`

    currentSlide = slideIndex
    updateDots()

    // Resume auto-scroll after transition
    setTimeout(() => {
      carouselTrack.style.transition = ""
      isHovered = wasHovered
    }, 500)
  }

  // Handle dot click navigation
  carouselDots.forEach((dot, index) => {
    dot.addEventListener("click", (e) => {
      e.preventDefault()
      scrollToSlide(index)
    })

    // Keyboard accessibility for dots
    dot.addEventListener("keydown", (e) => {
      if (e.key === "Enter" || e.key === " ") {
        e.preventDefault()
        scrollToSlide(index)
      }
    })
```

```
})

// Hover pause functionality
carouselWrapper.addEventListener("mouseenter", () => {
  isHovered = true
  carouselTrack.style.animationPlayState = "paused"
})

carouselWrapper.addEventListener("mouseleave", () => {
  isHovered = false
  carouselTrack.style.animationPlayState = "running"
})

// Touch/swipe support for mobile
let startX = 0
let isDragging = false

carouselWrapper.addEventListener("touchstart", (e) => {
  startX = e.touches[0].clientX
  isDragging = true
  isHovered = true // Pause during touch
})

carouselWrapper.addEventListener("touchmove", (e) => {
  if (!isDragging) return
  e.preventDefault() // Prevent scrolling
})

carouselWrapper.addEventListener("touchend", (e) => {
  if (!isDragging) return

  const endX = e.changedTouches[0].clientX
  const diffX = startX - endX
  const threshold = 50 // Minimum swipe distance

  if (Math.abs(diffX) > threshold) {
    if (diffX > 0) {
      // Swipe left - next slide
      const nextSlide = (currentSlide + 1) % totalSlides
      scrollToSlide(nextSlide)
    } else {
      // Swipe right - previous slide
```

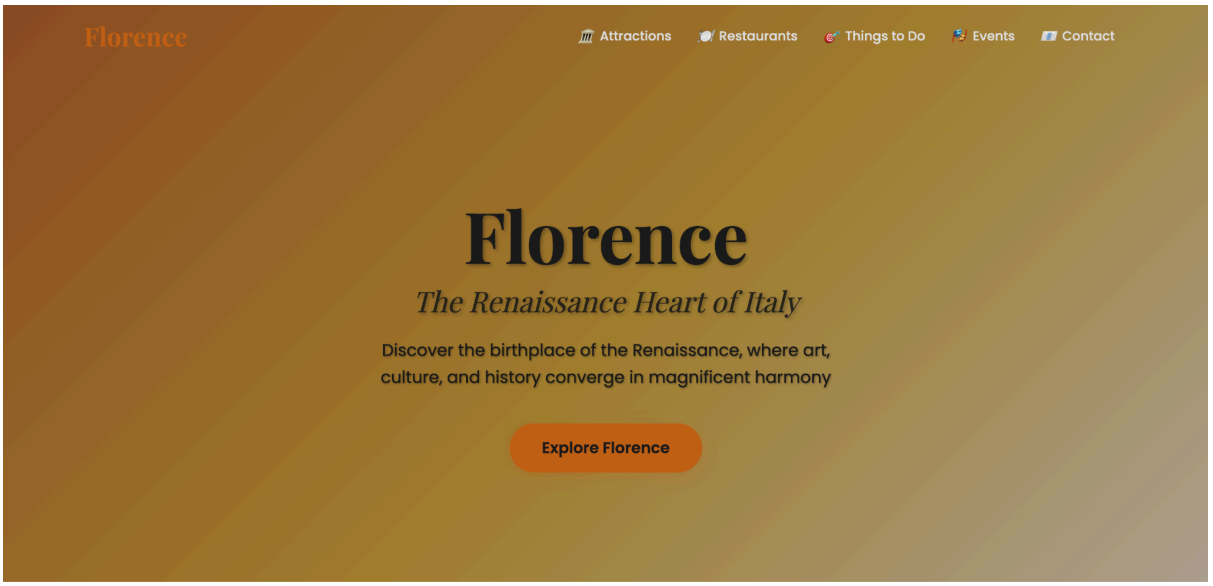
```
        const prevSlide = (currentSlide - 1 + totalSlides) %
totalSlides
        scrollToSlide(prevSlide)
      }
    }

    isDragging = false
    setTimeout(() => {
      isHovered = false // Resume auto-scroll after delay
    }, 1000)
  })

  // Update dots based on animation position (for continuous
tracking)
  function trackAnimationProgress() {
    if (!isHovered && !isDragging) {
      currentSlide = getCurrentSlideFromPosition()
      updateDots()
    }
  }

  // Track animation progress every second
  setInterval(trackAnimationProgress, 1000)

  // Handle window resize
  function handleResize() {
    const newWidth = getSlideWidth()
    const newGap = window.innerWidth <= 768 ? 15 : 20

    // Update CSS custom properties for responsive behavior

document.documentElement.style.setProperty("--carousel-slide-width",
`${newWidth}px`)

document.documentElement.style.setProperty("--carousel-slide-gap",
`${newGap}px`)

    // Update track width calculation
    const totalWidth = (newWidth + newGap) * 12 // 8 original + 4
duplicates
    carouselTrack.style.width = `${totalWidth}px`
```

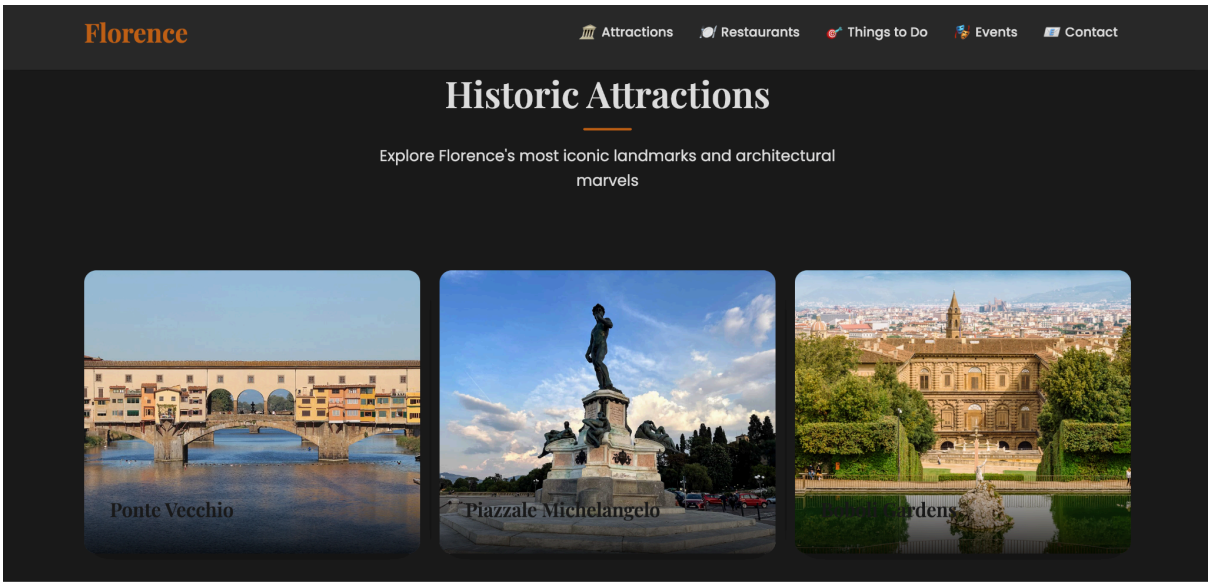
```
    // Update animation keyframes dynamically
    updateCarouselAnimation(newWidth, newGap)
  }

  // Update carousel animation for different screen sizes
  function updateCarouselAnimation(slideWidth, gap) {
    const styleSheet = document.styleSheets[0]
    const keyframeName = "carouselScroll"

    // Remove existing keyframe rule
    for (let i = styleSheet.cssRules.length - 1; i >= 0; i--) {
      const rule = styleSheet.cssRules[i]
      if (rule.type === CSSRule.KEYFRAMES_RULE && rule.name ===
keyframeName) {
        styleSheet.deleteRule(i)
        break
      }
    }

    // Add new keyframe rule
    const moveDistance = (slideWidth + gap) * 8 // Move by 8 slides
    const keyframeRule = `
      @keyframes ${keyframeName} {
        0% { transform: translateX(0); }
        100% { transform: translateX(-${moveDistance}px); }
      }
    `
    styleSheet.insertRule(keyframeRule, styleSheet.cssRules.length)
  }

  // Initialize responsive behavior
  handleResize()
  window.addEventListener("resize", debounce(handleResize, 250))

  // Initialize dots
  updateDots()

  // Accessibility improvements
  carouselWrapper.setAttribute("role", "region")
  carouselWrapper.setAttribute("aria-label", "Florence image
carousel")
```

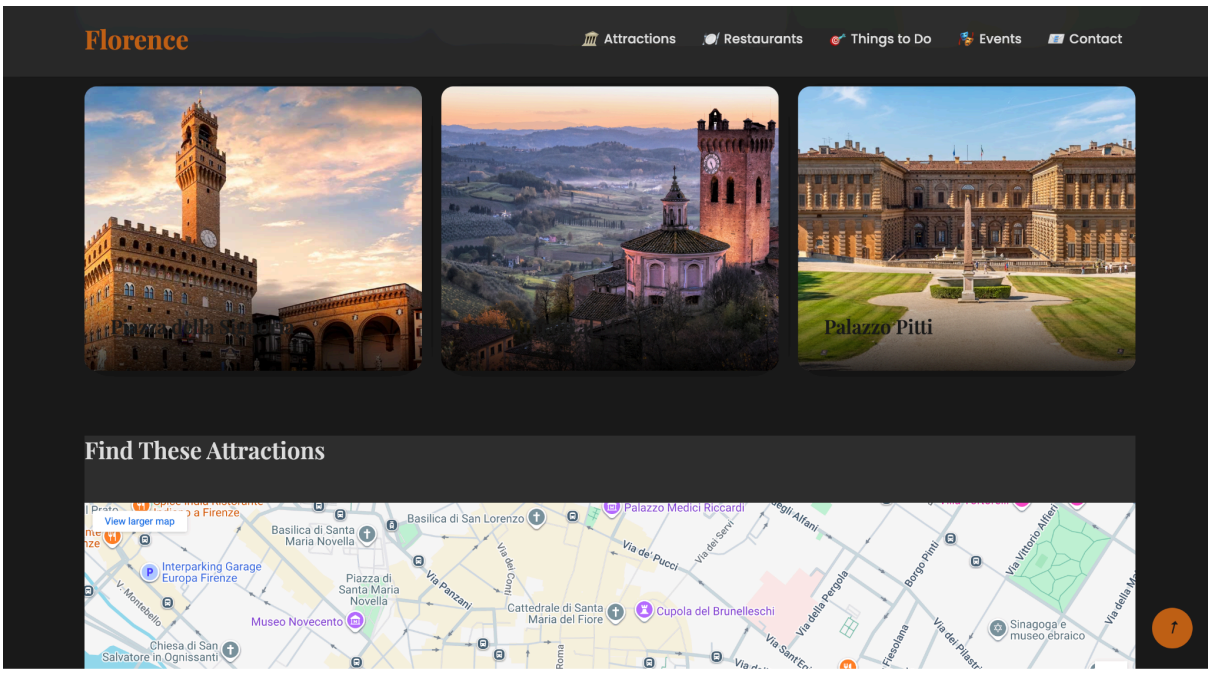
```
  slides.forEach((slide, index) => {
    const img = slide.querySelector("img")
    if (img && index < totalSlides) {
      img.setAttribute("role", "img")
      img.setAttribute("tabindex", "0")
    }
  })

  // Keyboard navigation for carousel
  carouselWrapper.addEventListener("keydown", (e) => {
    switch (e.key) {
      case "ArrowLeft":
        e.preventDefault()
        const prevSlide = (currentSlide - 1 + totalSlides) %
totalSlides
        scrollToSlide(prevSlide)
        break
      case "ArrowRight":
        e.preventDefault()
        const nextSlide = (currentSlide + 1) % totalSlides
        scrollToSlide(nextSlide)
        break
    }
  })

  // Pause animation when user prefers reduced motion
  if (window.matchMedia("(prefers-reduced-motion: reduce)").matches)
{
    carouselTrack.style.animation = "none"
  }
}

// Debounce utility function
function debounce(func, wait) {
  let timeout
  return function executedFunction(...args) {
    const later = () => {
      clearTimeout(timeout)
      func(...args)
    }
    clearTimeout(timeout)
    timeout = setTimeout(later, wait)
```

```
    }
}
```

Screenshots of Final Output



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Palazzo Pitti
Find These Attractions
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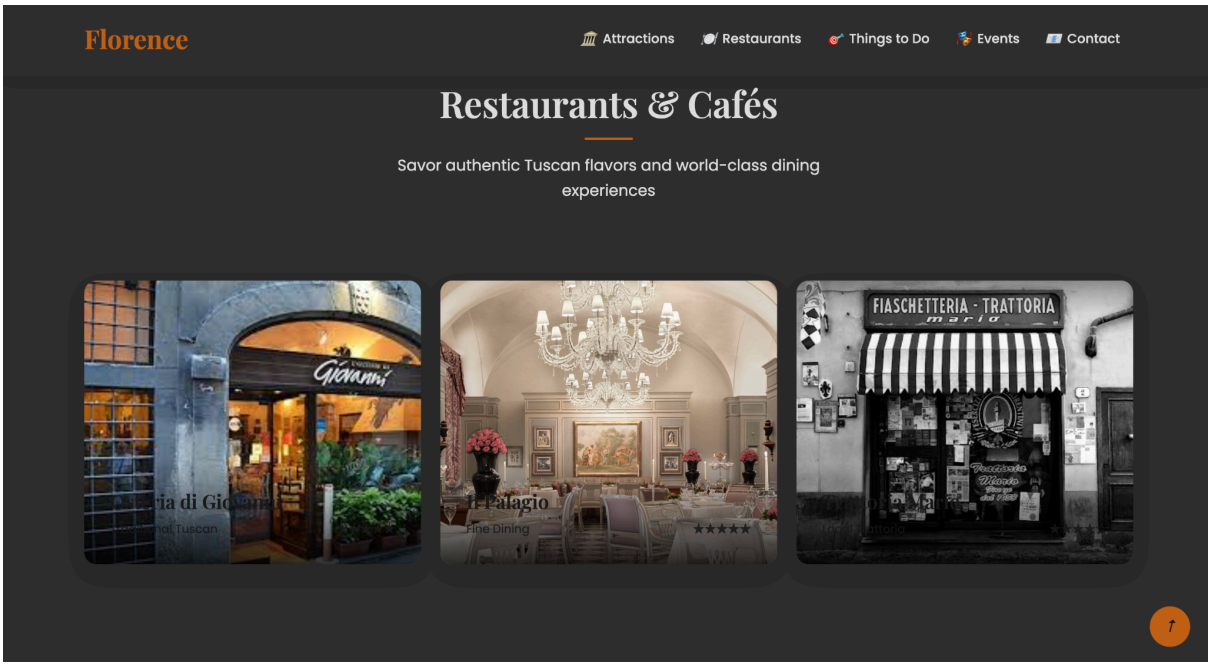
Basilica di San Lorenzo
Palazzo Medici Riccardi
Interparking Garage Europa Firenze
Piazza di Santa Maria Novella
Museo Novecento
Cattedrale di Santa Maria del Fiore
Cupola del Brunelleschi
Chiesa di San Salvatore in Ognissanti
Sinagoga e museo ebraico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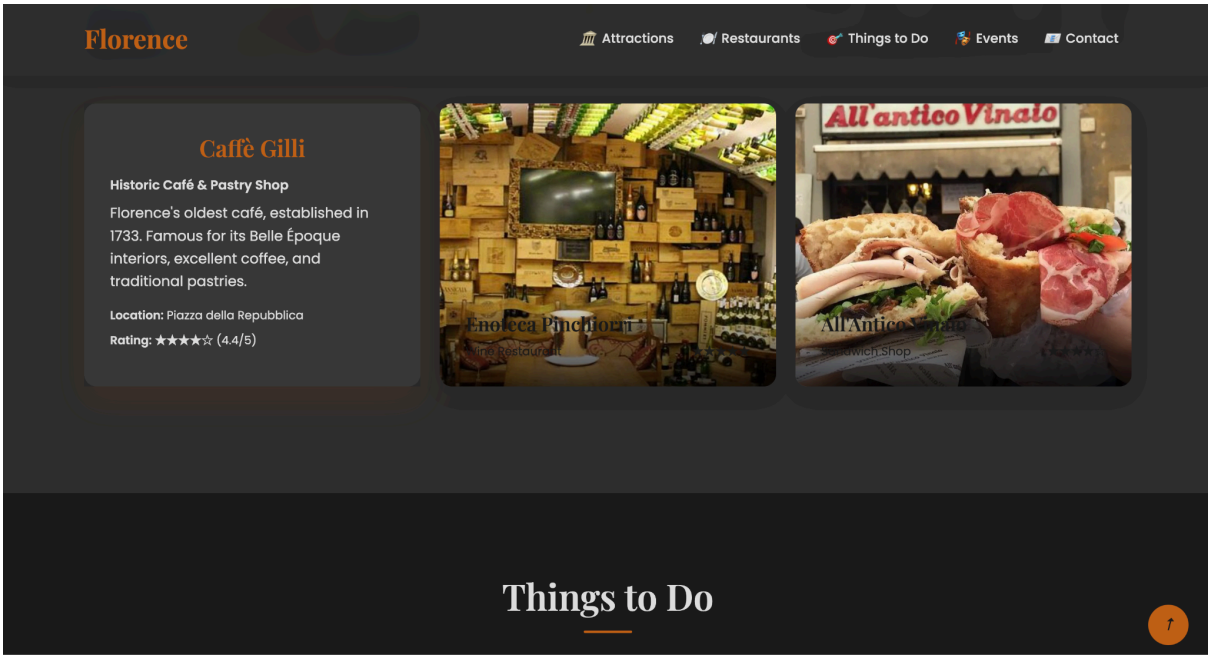
Restaurants & Cafés
Savor authentic Tuscan flavors and world-class dining experiences
Il Palagio
Fine Dining
FIASCHETTERIA - TRATTORIA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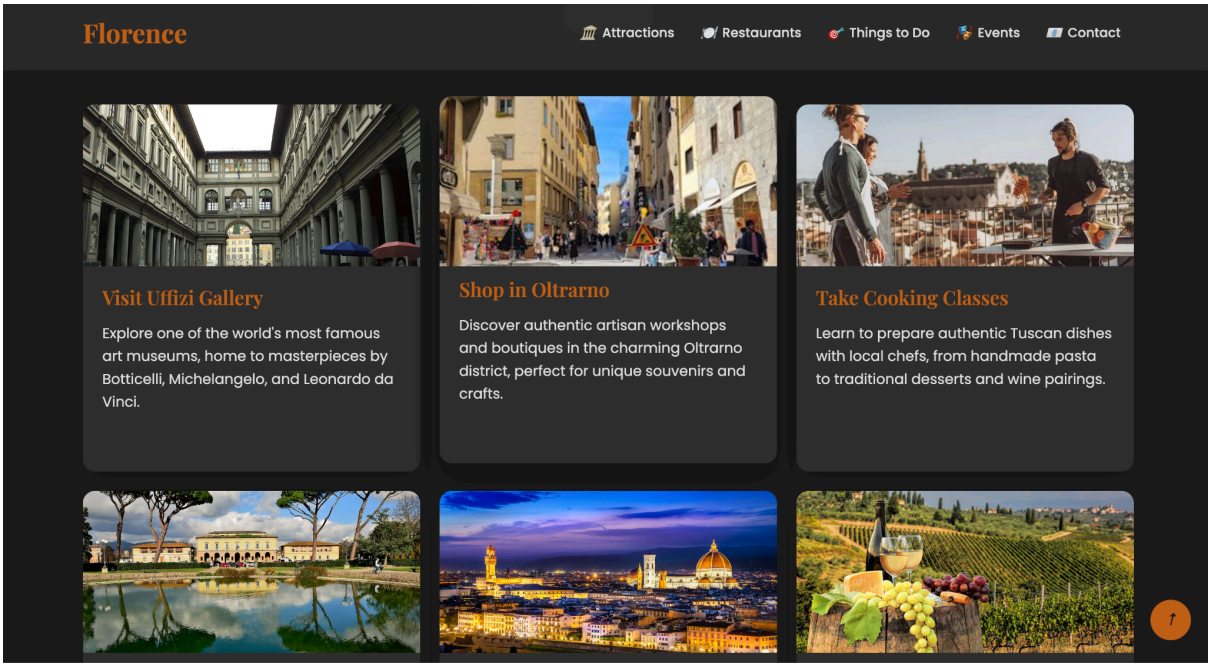
Caffè Gilli
Historic Café & Pastry Shop
Florence's oldest café, established in 1733. Famous for its Belle Époque interiors, excellent coffee, and traditional pastries.
Location: Piazza della Repubblica
Rating: ★★★★☆ (4.4/5)
All'antico Vinaio
Things to Do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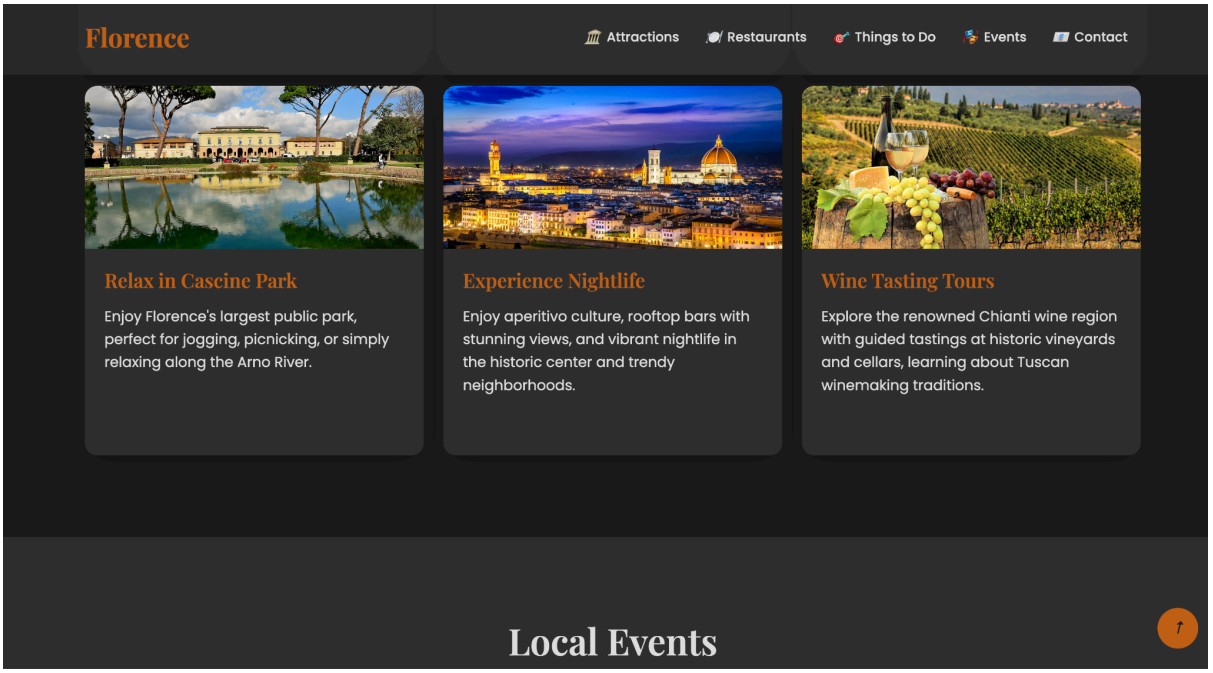
Visit Uffizi Gallery
Explore one of the world's most famous art museums, home to masterpieces by Botticelli, Michelangelo, and Leonardo da Vinci.
Shop in Oltrarno
Discover authentic artisan workshops and boutiques in the charming Oltrarno district, perfect for unique souvenirs and crafts.
Take Cooking Classes
Learn to prepare authentic Tuscan dishes with local chefs, from handmade pasta to traditional desserts and wine pairings.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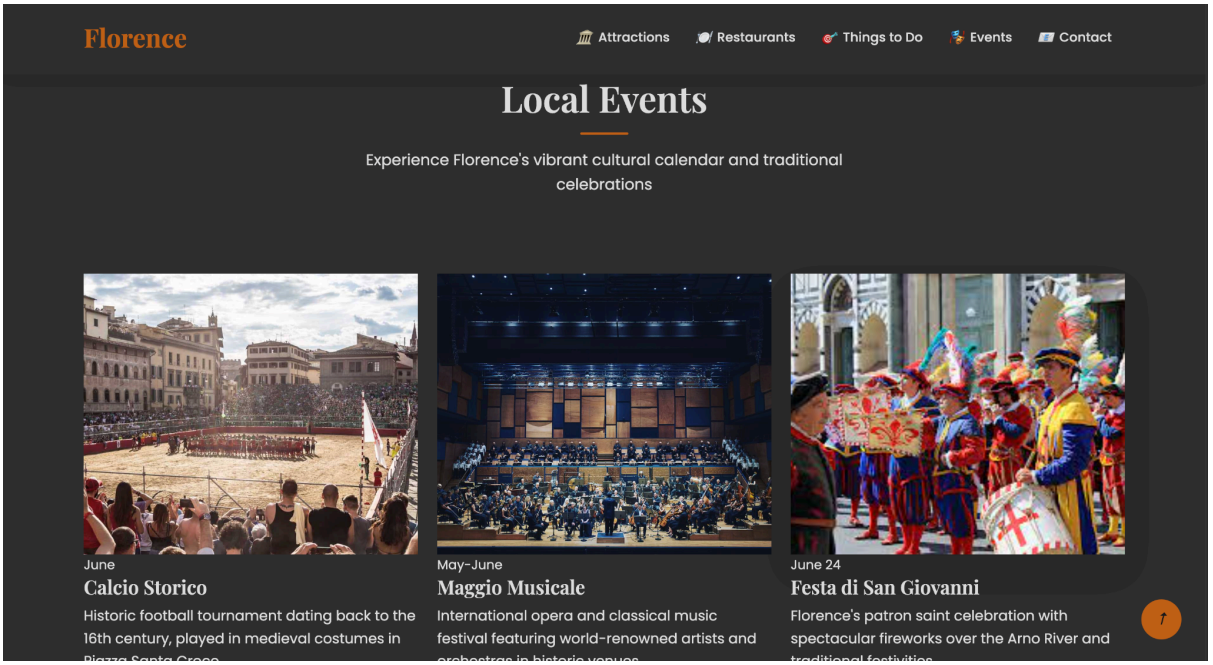
Relax in Cascine Park
Enjoy Florence's largest public park, perfect for jogging, picnicking, or simply relaxing along the Arno River.
Experience Nightlife
Enjoy aperitivo culture, rooftop bars with stunning views, and vibrant nightlife in the historic center and trendy neighborhoods.
Wine Tasting Tours
Explore the renowned Chianti wine region with guided tastings at historic vineyards and cellars, learning about Tuscan winemaking traditions.
Local Events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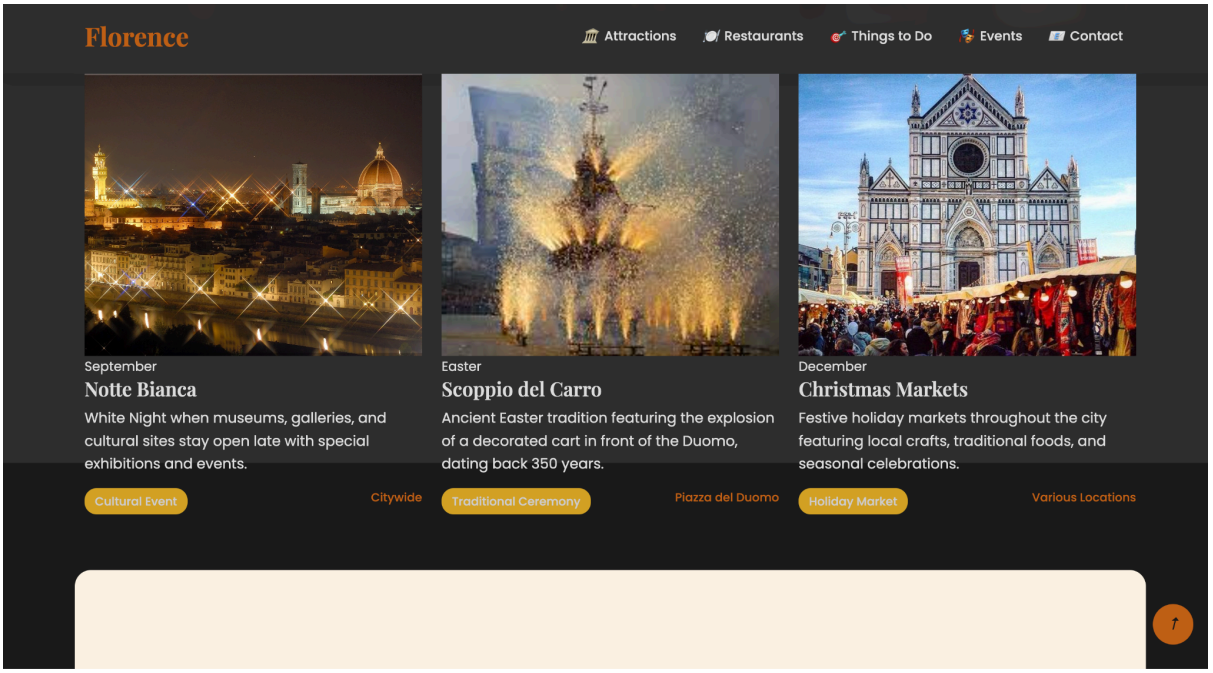
Local Events
Experience Florence's vibrant cultural calendar and traditional celebrations
June
Calcio Storico
Historic football tournament dating back to the 16th century, played in medieval costumes in
May-June
Maggio Musicale
International opera and classical music festival featuring world-renowned artists and
June 24
Festa di San Giovanni
Florence's patron saint celebration with spectacular fireworks over the Arno River and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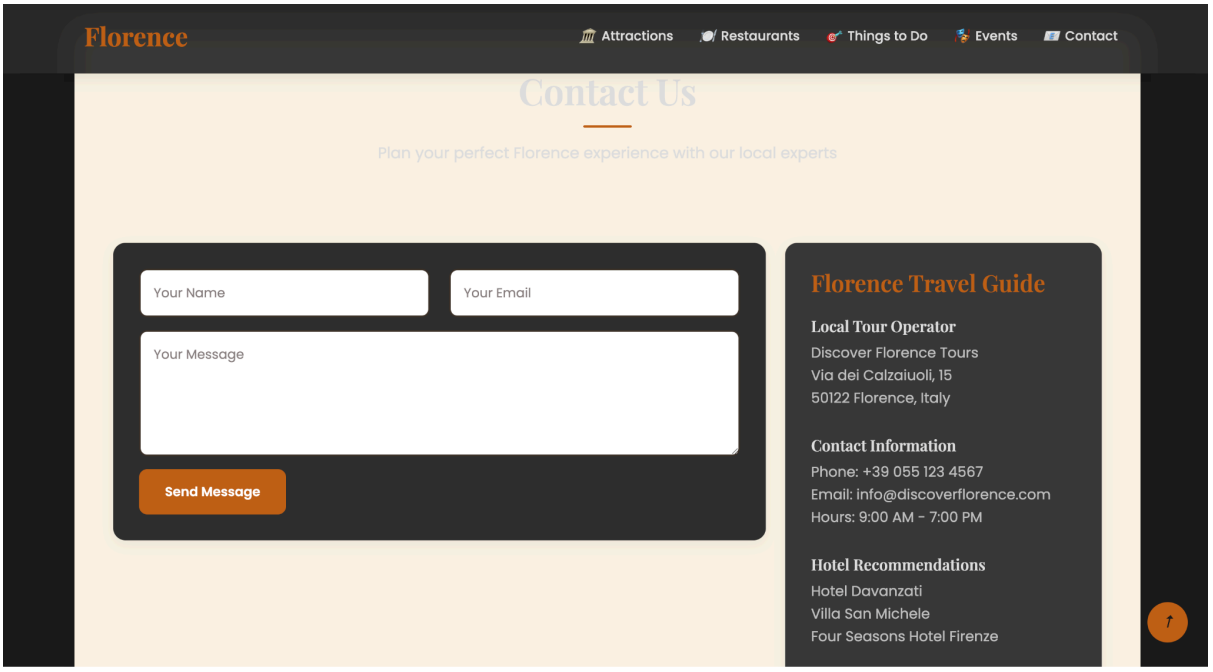
September
Notte Bianca
White Night when museums, galleries, and cultural sites stay open late with special exhibitions and events.
Cultural Event
Citywide
Easter
Scoppio del Carro
Ancient Easter tradition featuring the explosion of a decorated cart in front of the Duomo, dating back 350 years.
Traditional Ceremony
Piazza del Duomo
December
Christmas Markets
Festive holiday markets throughout the city featuring local crafts, traditional foods, and seasonal celebrations.
Holiday Market
Various Locations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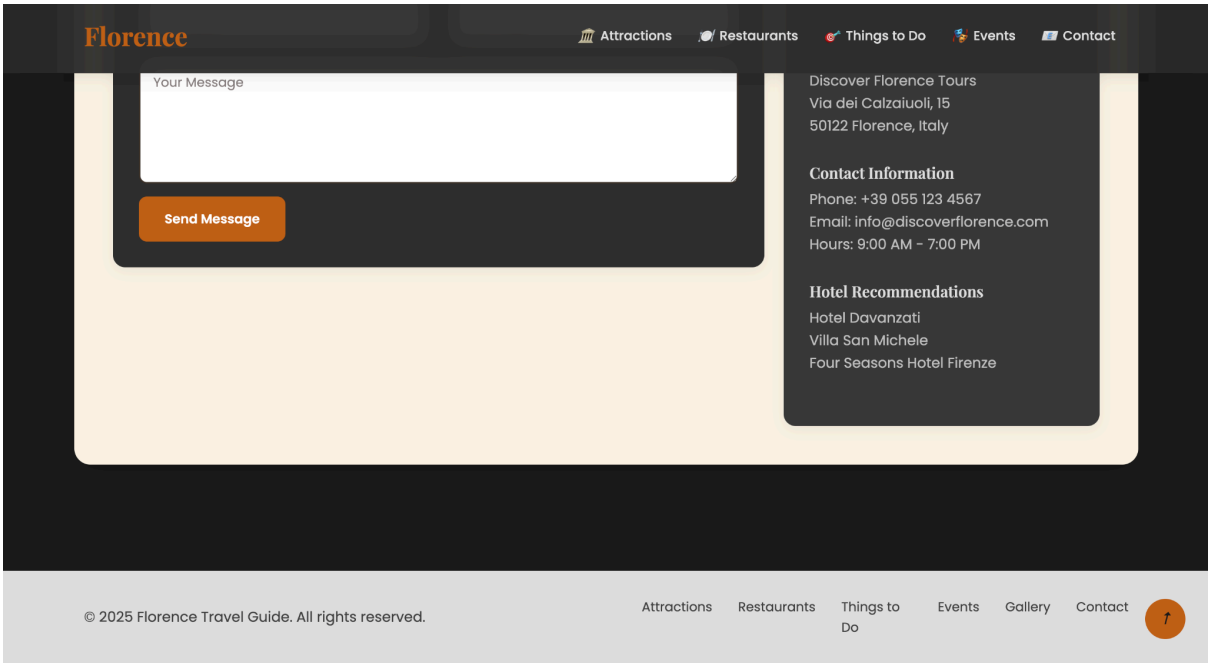
Your Email
Your Message
Send Message
Florence Travel Guide
Local Tour Operator
Discover Florence Tours
Via dei Calzaiuoli, 15
50122 Florence, Italy
Contact Information
Phone: +39 055 123 4567
Email: info@discoverflorence.com
Hours: 9:00 AM - 7:00 PM
Hotel Recommendations
Hotel Davanzati
Villa San Michele
Four Seasons Hotel Firenze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Send Message
Discover Florence Tours
Via dei Calzaiuoli, 15
50122 Florence, Italy
Contact Information
Phone: +39 055 123 4567
Email: info@discoverflorence.com
Hours: 9:00 AM - 7:00 PM
Hotel Recommendations
Hotel Davanzati
Villa San Michele
Four Seasons Hotel Firenze
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Conclusions

The Favorite City Information website successfully delivers a visually engaging, content-rich, and responsive platform that highlights the best features of a chosen city. Through the integration of HTML, CSS, Bootstrap, and JavaScript, the site offers an intuitive user experience across devices. It presents comprehensive information on local attractions, dining, and events, making it both informative and user-friendly. This project enhanced understanding of web design principles, semantic structuring, and responsive layout development, laying a solid foundation for future improvements and scalability.

References

L&T LMS : https://learn.Intedutech.com/Landing/MyCourse